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SAN FRANCISCO

MUNICIPAL REPORTS

FOR THE

FISCAL YEAR 1911-12, ENDED JUNE 30, 1912

PUBLISHED BY ORDER OF THE

BOARD OF SUPERVISORS

SAN FRANCISCO
NEAL PUBLISHING CO., 66 FREMONT STREET
1913

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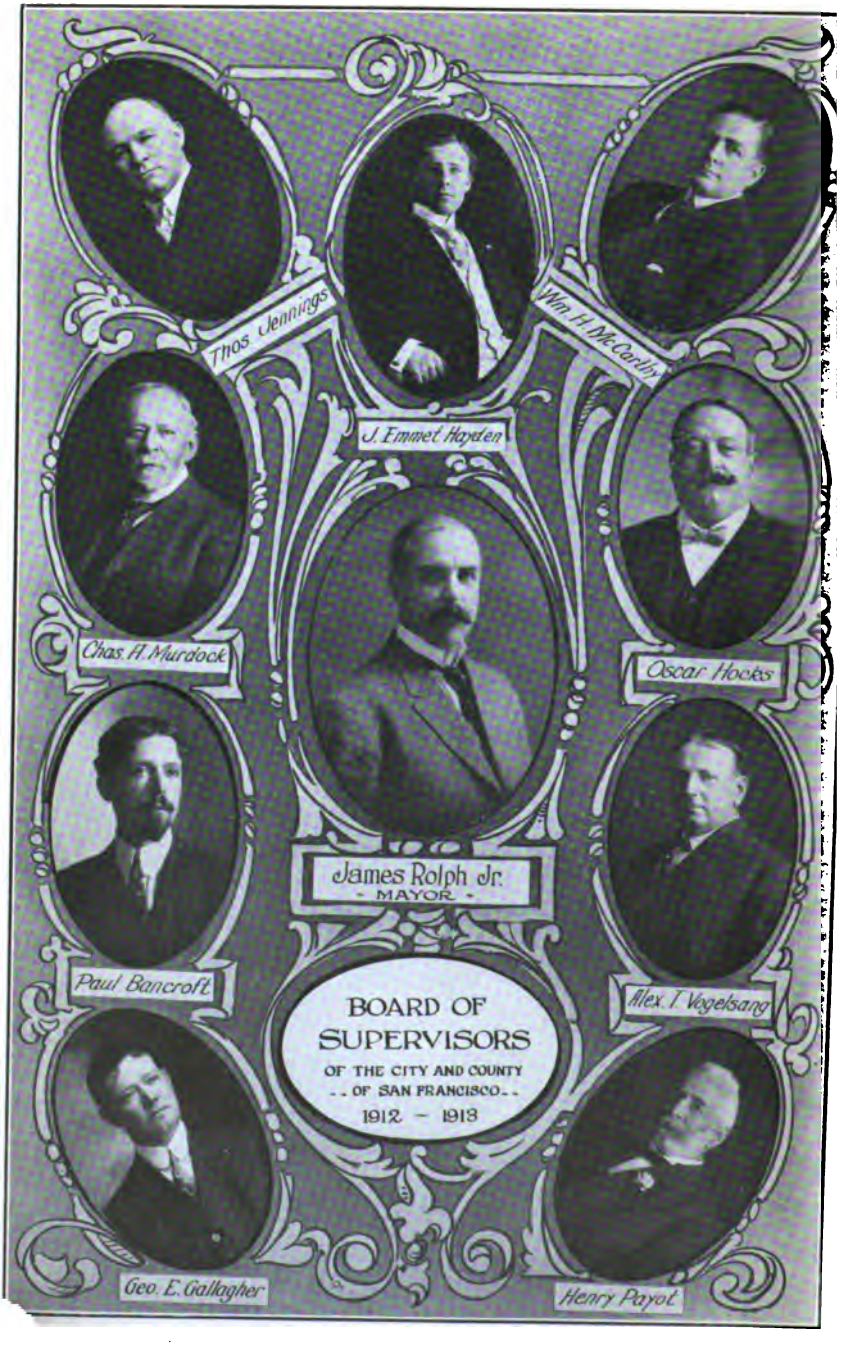

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Auditor's Report

San Francisco, Cal., Nov. 21, 1912.

Hon. James Rolph, Jr.,
Mayor, City and County of San Francisco.

Sir:

In compliance with Article 16, Section 9, of the Charter of the City and County of San Francisco, I have the honor to submit herewith the report of the Auditor for the fiscal year ending June 30, 1912.

Respectfully submitted,

THOS. F. BOYLE,
Auditor.

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STATEMENT OF EXPENDITURES FOR THE FISCAL YEAR, ALSO SHOWING COMPARATIVE STATEMENT OF EXPENDITURES, FISCAL YEARS 1910-11 AND 1911-12.

	1910-11	1911-12
Administrative Offices—		
Assessor	$ 107,530.63	$ 106,112.02
Auditor	38,838.25	42,287.58
Civil Service Commission	11,580.23	14,347.58
Coroner	26,005.29	25,321.07
Department of Public Works	282,394.96	280,958.31
Mayor	20,241.31	24,582.83
Recorder	78,404.23	79,267.64
Supervisors	134,561.10	126,634.03
Tax Collector	73,566.00	72,990.71
Treasurer	24,672.08	23,307.28
General Expenses—		
Telephone Operator City Hall	675.00	
Premiums on Official Bonds	3,975.75	4,833.90
Total Administrative Offices	802,444.83	800,642.95
Advertising—		
Total amount audited 1910-11 $51,136.40		
Amount not apportioned to accts.	944.62	6,699.06
Bonded Debt Funds—		
Public Building	5,424,318.11	5,792,722.88
Interest	789,119.75	897,223.00
Redemption	530,500.00	579,000.00
Total	6,743,937.86	7,268,945.88
Celebrations—		
Fourth of July and Memorial Day	3,000.00	3,146.00
Discovery Day (School Dept.)		250.00
Aquatic Day (Supervisors)		250.00
Total	3,000.00	3,646.00
Department of Elections	181,224.37	291,695.99
Department of Electricity	113,998.49	106,951.36

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	1910-11	1911-12
Department of Health—		
City and County Hospital	189,277.91	197,131.13
Construction of Frame Buildings and Dwelling, Resident Physician		35,883.41
Emergency Hospital	83,477.48	94,376.71
Isolation Hospital	22,187.78	25,399.40
General Expenses	113,464.71	127,346.96
Sanitation	14,724.96	19,831.47
Total	423,132.84	499,969.08
Fire Department—		
Buildings and Repairs to	107,756.00	130,669.94
Exempt Fireman's Allowance	5,000.00	5,000.00
General Expenditures	1,342,083.83	1,423,852.94
Relief and Pension Fund	66,141.36	71,556.31
Setting and Re-setting Hydrants	4,885.44	6,301.28
Water for Hydrants	130,621.75	131,210.05
Total	1,656,488.38	1,768,590.52
Judicial Department—		
City and County Attorney's Office	46,273.22	41,535.84
County Clerk's Office	119,585.89	113,809.28
Courts—		
Justices	31,687.56	30,322.96
Police	24,288.03	25,645.13
Superior	59,673.44	78,832.18
District Attorney's Office	59,789.19	60,718.50
Examination and Support of Insane	8,813.50	11,718.50
Grand Jury Expenses	6,627.00	9,284.63
Interpreters	9,650.83	9,500.00
Jurys' Fees and Witness Expenses	28,040.75	28,336.47
Juvenile Detention Home	34,608.92	40,126.29
Law Library	3,751.02	3,845.39
Law and Motion Calendar	4,099.92	4,099.92
Sheriff's Office (Includes Repairs to County Jail)	132,485.08	129,191.39
Subsistence of Prisoners (Sheriff)	44,701.78	44,631.76
Transcribing Testimony (Superior Court and Grand Jury) 1911-12 apportioned throughout this report to proper accounts	25,819.56	
Transcripts on Appeal, Printing, 1911-12, apportioned throughout this report to proper accounts	532.00	
Total	640,427.69	631,598.24

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	1910-11	1911-12
Lighting Streets and Public Buildings	377,915.70	401,305.06
Playgrounds	50,130.20	77,608.29
Police Department—		
Construction of and Repairs to Bldgs.	64,132.34	100,640.23
General Expenditures	1,422,595.72	1,479,765.51
Relief Fund	70,585.15	79,340.70
Total	1,557,313.21	1,659,746.44
Poor—		
Burial of Indigent Dead	3,355.50	3,476.50
Burial of U. S. Soldiers and Sailors	2,650.00	2,325.00
Maintenance of Minors	198,113.14	215,117.02
Relief Home for Aged and Infirm	192,372.32	198,808.35
Repairs to Relief Home and Cisterns (Water Supply)		16,550.74
Total	396,490.96	436,277.61
Public Library	73,659.41	78,891.61
Public Parks	431,615.43	394,836.91
Public Pound	9,054.60	9,000.00
Plans City Hall and Civic Center		16,267.99
Public Utilities	18,925.94	15,829.45
Rents, etc., for Public Buildings	62,536.00	103,233.35
Repairs, Moving and Equipping Public Buildings	24,258.36	83,923.65
Furniture for Public Buildings, 1911-12, apportioned throughout this report	1,554.59	
School Department—		
Construction of and Repairs to Bldgs.	109,549.61	92,675.78
General Expenditures	1,722,928.72	1,776,091.75
Teachers' Institute	381.83	182.52
Total	1,832,860.16	1,868,950.05
Stationery and Printing	14,079.98	13,553.83

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		1910-11	1911-12
Streets and Sewers—		$ 1,115,576.40	$ 1,226,588.65
Cleaning and Sweeping Streets 1911-12	$306,729.20		
Construction of Bridges 1911-12	10,847.29		
Mission Street Viaduct 1911-12	145,149.11		
Repairs to Streets and Sewers 1911-12	763,863.05		
Safety Stations		2,080.00	7,897.56
Purchase of Rights of Way		10,500.00	
Beale Street Assessment Fund		6,020.74	42,892.32
Total		1,189,149.84	1,277,378.53
Surveys		54,972.70	53,709.63
Sunset Water Works Fund		6,840.07	5,015.26
Tearing Up Streets Fund		60,364.11	53,787.17
Tunnels			2,789.12
Urgent Necessity		2,755.57	
Water for Bldgs., exclusive of Parks and Schools		20,605.01	22,351.70
1910-11 Account (Surplus) 1911-12 accts. apportioned throughout this report		1,515.97	
Total Expenditures		16,697,224.19	17,953,194.73
Refunds		659,062.10	688,704.23
Total Demands Audited		$17,356,286.29	$18,641,898.96

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EXPENDITURES.

Of the City and County of San Francisco During the Fiscal Year Ending June 30, 1912.

Being the Total Demands Audited in said Year.

ADMINISTRATIVE OFFICES.

ASSESSOR'S OFFICE.

Assessor—Salary	$ 7,999.92	
Cashier	1,800.00	
Clerks (Regular)	21,596.70	
Clerks (Extra)	45,951.30	
Clerks (Poll Tax)	5,000.00	
Deputies	16,800.00	
		$ 99,147.92
Expenses—		
Furniture	562.24	
Livery	1,759.55	
Maps	460.00	
Repairs to Adding Machine	1.20	
Stationery and Printing	4,181.11	
		6,964.10

AUDITOR'S OFFICE

Auditor	3,999.96	
Attorney	1,800.00	
Chief Deputy	2,400.00	
Office Assistants	18,355.05	
Stenographer	1,275.35	
Telephone Operator	975.00	
		28,805.36
Assessment Roll—		
Clerical Service	6,492.00	
Experting	1,770.90	
		8,262.90
Forward		$ 143,180.28

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 143,180.28
Expenses—		
Adding Machine Supplies	14.75	
Attorneys Expenses—Bannerman vs. Boyle	115.00	
Back Salary—Bond Clerk	300.00	
Changing Combination of Safe	2.50	
Furniture	81.90	
Furnishing License, Blank Tags, etc., to Tax Collector	1,371.79	
Expense to National Convention and Visiting Eastern Cities	500.00	
Law books	20.00	
Stationery, including Fee Books to Different Offices	2,496.63	
Sundries (incidentals)	316.75	
		5,219.32

CIVIL SERVICE COMMISSION.

Commissioners	3,589.96	
Chief Examiner	2,400.00	
Special Examiners	669.25	
Clerk	1,500.00	
Clerks (extra)	1,960.64	
Stenographer	1,200.00	
Stenographer (extra)	1,271.65	
		12,591.50
Expense—		
Advertising	140.88	
Furniture	40.80	
Janitorial Service	37.50	
Stationery	1,536.90	
		1,756.08

CORONER'S OFFICE

Coroner	3,999.96	
Autopsy Physician	2,400.00	
Deputies	6,900.00	
Hostler	1,080.00	
Matron	900.00	
Messengers	2,700.00	
Stenographers	3,300.01	
Toxicologist	1,200.00	
		22,479.97
Forward		$ 185,227.15

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 185,227.15
Expenses—		
Auto Hire and Repairs	74.25	
Books	45.70	
Chemicals and Disinfectants	189.95	
Drawing Charts	50.00	
Dry Goods	92.94	
Forage	387.37	
Fuel	2.75	
Harness	21.45	
Hardware	38.02	
Horse Shoeing and Clipping	274.00	
Incidentals	137.80	
Instruments and Repairs	15.15	
Lamps	3.90	
Laundry	155.93	
Phonograph Supplies	2.97	
Photographing Unknown Dead	105.00	
Receiving Basket	43.50	
Recovery of Bodies	440.00	
Removing Garbage	72.00	
Repairs to Office	22.00	
Repairs to Vehicles	233.05	
Rubber Goods	43.50	
Stationery	304.99	
Subscription to Papers	42.45	
Telegrams	39.93	
Typewriting Supplies	2.50	
		2,841.10

MAYOR'S OFFICE

Mayor	6,000.00	
Secretary	2,400.00	
Clerk	600.00	
Stenographer	1,056.67	
Usher	900.00	
		10,956.67
Expenses—		
Advertising	59.15	
Auto Repairs and Supplies	1,637.72	
Contingent Fund	3,600.00	
Forward		$ 199,024.92

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 199,024.92
Furniture	3,141.65	
Incidentals	3,000.00	
Office Expenses	1,485.00	
Stationery (including Typewriter and Supplies)	702.64	
		13,626.16

RECORDER'S OFFICE

Recorder	3,999.95	
Deputies	10,635.00	
Clerks (Regular)	13,420.82	
Clerks (Folio)	44,366.66	
Clerk (Mortgage)	600.00	
Machinist	1,500.00	
Messenger	1,000.00	
		75,522.43
Expenses—		
Furniture	339.05	
Restoring Maps	935.00	
Sundry Repairs	12.50	
Stationery, etc.	2,458.66	
		3,745.21

SUPERVISORS

Supervisors	43,166.70	
Chief Clerk and Assistants	24,111.65	
Chauffeur	1,500.00	
Accountant	3,600.00	
Sergeant-at-Arms	1,440.00	
Stenographers	3,950.00	
Telephone Operators	1,920.00	
Clerks, Board of Equalization	650.00	
		80,338.35
Expenses—		
Advertising Ordinances & Resolutions	22,021.82	
Annual Dues League of Municipalit's	120.00	
Automobile Service and Supplies	2,752.86	
Books	174.40	
Cartage	72.00	
Court Expenses	200.00	
Forward		$ 372,257.07

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 372,257.07
Engrossing Resolutions	100.00	
Entertaining Australian Boy Scouts	150.00	
Expenses to Municipal Congress	122.21	
Expenses in connection with Collection of Coupons in New York	230.33	
Flags	483.75	
Furniture	3,092.21	
Incidentals	297.93	
Inspecting Typewriting Machines	491.59	
Map Corrections	164.00	
Motion Picture Equipment	220.25	
Motion Picture Views	4,273.10	
Press Clippings	50.00	
Printing and Stationery	3,627.96	
Service to Supply Committee	371.45	
Service, Stenographic	9.00	
Telegraph and Telephone Service	72.86	
Traveling Expenses to Santa Barbara	375.00	
Transportation	6.50	
		39,479.22
Expenses of Finance Committee—		
Clerical Services	1,677.50	
Expert Service	1,880.00	
Professional Service	907.15	
Stenographer	876.65	
Furnishing Reports to Bion J. Arnold	250.00	
Incidentals	37.05	
Installing Index System	233.30	
Telephone Operator	40.00	
Transportation	102.10	
Transcribing	253.85	
Investigating Moving Pictures	558.86	
		6,816.46

TAX COLLECTOR'S OFFICE

Tax Collector	4,000.00	
Chief Deputy	2,400.00	
Cashier and Assistant	5,810.00	
Accountant	2,368.34	
Block-Book Man	1,500.00	
Forward		$ 418,552.75

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 418,552.75
Deputies	40,983.35	
Extra Clerks	6,005.29	
Searcher of Records	1,800.00	
Stenographer	1,380.00	
		66,246.98
Expense—		
Advertising	316.10	
Carfare	83.25	
Cartage	11.50	
Furniture	67.65	
Horse and Buggy Hire	540.00	
Publishing Delinquent Tax List	3,410.14	
Stationery and Printing	2,286.14	
Rent of Safe	7.50	
Telegrams	16.00	
Typewriting Supplies	5.45	
		6,743.73

TREASURER'S OFFICE

Treasurer	3,999.96	
Bookkeepers	3,900.00	
Cashier	3,600.00	
Clerks	4,500.00	
Deputies	6,000.00	21,999.96
Expense—		
Advertising	234.48	
Auto Hire	20.00	
Incidentals	61.58	
Repairs to Adding Machine	3.60	
Stationery	730.26	
Telephone and Telegrams	12.10	
Transportation of Coin	18.50	
Typewriting Machine	226.80	
		1,307.32
Premiums on Official Bonds	4,833.90	4,833.90

DEPARTMENT OF PUBLIC WORKS.
General Office Expenditures.

Commissioners	11,999.88	
Chief Deputy	3,691.65	
Bookkeeper	3,000.00	
Forward		$ 519,684.64

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 519,684.64
Boiler Inspector	750.00	
Building Inspectors	29,177.85	
Bridgetenders and Engineers	11,237.30	
Caretaker of Fountains	1,095.00	
Cashier	900.00	
Chauffeur	1,500.00	
Chemist and Assistants	3,300.00	
Clerks	27,640.40	
Deputies	2,919.35	
Engineers	3,226.65	
Elevator Operators	4,431.00	
Janitors	30,394.50	
Light and Water Inspectors	3,175.00	
Messenger	1,500.00	
Shack Inspectors	275.00	
Sidewalk Inspectors	11,977.60	
Stenographers	12,800.00	
Superintendent of Building & Assistants	6,000.00	
Superintendent of Roads and Repairs	3,050.00	
Tabulator	675.00	
Telephone Operators	2,695.20	
Timekeepers	900.00	
Watchmen	5,067.50	
		183,378.88

Engineers Department

City Engineer	6,999.96	
City Engineer Assistants	15,503.30	
Draftsmen	14,287.50	
Field Assistants	24,200.00	
Surveyors	9,925.00	
		70,915.76

Maintenance

Auto Supplies	1,169.36	
Badges	2.00	
Blue Prints	669.52	
Fuel	45.00	
Furniture	2,663.14	
Filing Cases	61.05	
Hardware	209.38	
Incidentals (including carfare)	1,061.10	
Forward		$ 773,979.28

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ADMINISTRATIVE OFFICES—Continued

Forward		$ 773,979.28
Laboratory Supplies	22.93	
Law Books	421.35	
Livery	8,159.00	
Newspaper Subscriptions	43.75	
Paints	9.45	
Relief Map—Golden Gate Park	151.00	
Posting Block Books	125.00	
Rent of Safe Deposit Box	18.00	
Rent of Premises	33.50	
Rent of Typewriting Machines	10.00	
Rubber Goods	289.25	
Repairs to Engine	527.90	
Stationery, Postage and Printing	7,011.48	
Surveying Supplies	159.35	
Telephone Service	74.50	
		22,937.01

Janitorial Supplies

Brooms and Brushes	100.34	
Chemicals	100.17	
Cordage	83.31	
Dry Goods	53.06	
Flags	57.45	
Fuel	169.30	
Cleaning Supplies	511.15	
Hardware	854.86	
Incidentals	37.83	
Lamps	430.00	
Paints and Oils	42.50	
Removing Garbage	220.50	
Rubber Goods	75.55	
Toilet Paper	159.64	
Towel Service	831.00	
		3,726.66

Total Administrative Offices ($800,642.95).

ADVERTISING

The following Amounts have not been Apportioned to Accounts Throughout this Report.

Redemption Advertising Fund	323.84	
Public Administrator	241.92	
Public Works	6,133.30	
		6,699.06
Forward		$ 807,342.01

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BOND FUNDS

Showing Amounts Expended from the Various Bond Funds, the Amount of Interest Paid and the Amount of Bonds Redeemed for and During the Fiscal Year Ended June 30, 1912.

FIRE PROTECTION BOND FUND, 1908, 5%.

Salaries, Wages, Etc.

Forward		$ 807,342.01
Architect	179.00	
Asphaltman	81.35	
Bookkeeper	700.00	
Carpenters	2,114.50	
Caulkers	6,319.15	
Chemists and Assistant	655.00	
Clerical Service	2,975.00	
Cribbers	39,157.61	
Derrickman	463.90	
Draftsmen	10,586.85	
Engineers—Civil, Consult'g and Struct'l	22,250.05	
Engineers—Electrical	150.00	
Engineers—Mechanical	5,570.00	
Field Assistants	2,262.45	
Foremen	2,428.30	
Inspectors	14,235.15	
Lampmen	345.00	
Laborers	4,899.05	
Leadmen	482.50	
Painters	61.00	
Pavers	2,483.45	
Plumber	42.00	
Rammers	532.50	
Stenographers	1,980.00	
Superintendent and Assistant	1,415.15	
Teamsters	3,502.70	
Watchmen	4,090.70	
Yardman	180.00	
		130,142.36
Materials, Supplies, Etc.—		
Asbestos	77.00	
Appraising Land—Leroy and Sacramento Streets	40.00	
Blacksmithing	518.39	
Forward	$ 635.39	$ 937,484.37

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BOND FUNDS—Continued

Forward	$ 635.39	$ 937,484.37
Blue Prints	1,125.34	
Bolts	25,055.56	
Calking	36.02	
Castings and Manhole Covers	8,901.78	
Cement	1,138.05	
Chemicals	188.18	
Conduits	1,066.20	
Cordage	119.58	
Cleaning Well	25.00	
Construction of Division Wall	7,558.95	
Construction of Concrete Tanks	2,600.63	
Construction of Intake Tunnels	61,916.47	
Construction of Twin Peaks Reservoir	47,594.90	
Construction of Pumping Stations	180,657.58	
Derrick	114.00	
Electrical Supplies	68.89	
Freight	11,121.43	
Fuel and Fuel Oil	626.60	
Gas	29.46	
Gate Valves	10,343.70	
Gravel	418.58	
Hardware	5,050.09	
Hose	213.73	
Horse Shoeing	7.55	
Hydrants	20,928.99	
Incidentals	677.44	
Instruments	17.34	
Laboratory Supplies	81.18	
Laying Pipe	107,369.66	
Livery	1,251.00	
Lumber and Millwork	2,425.43	
Machinery	3,017.95	
Patterns	42.61	
Paints	465.56	
Photo Supplies	35.66	
Piglead	34,605.63	
Pipe Testing	2,674.26	
Purchase of Pipe and Hauling	245,992.40	
Purchase of Land—Leroy and Sacramento Streets	9,720.00	
Plumbing Material	274.23	
Forward	$ 796,193.00	$ 937,484.37

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BOND FUNDS—Continued

Forward	$ 796,193.00	$ 937,484.37
Printing Bonds	152.00	
Repairs to Fire Boats	2,527.00	
Repairs to Streets	2,272.94	
Rubber Goods	178.45	
Setting out Lamps	708.37	
Stationery	56.43	
Teaming	3,959.65	
Trolleys	49.46	
Telegrams	175.56	
Tools and Implements	569.72	
		806,842.58

GARBAGE DISPOSAL BOND FUND, 1908—5%

Draftsmen	4,761.80	
Engineers	3,115.00	
Field Assistants	400.00	
		8,276.80
Grading and Constructing Piers	6,600.00	
Partial Payment—Islais Creek	9,469.40	
Partial Payment—Incinerator	15,186.00	
Plans and Blue Prints	4.80	
		31,260.20

GEARY STREET RAILWAY BOND FUND, 1910—4½%

Architect	248.75	
Blacksmiths	2,026.00	
Chauffeur	499.00	
Clerks	1,877.35	
Concrete and Cement Finishers	12,094.10	
Consulting and Civil Engineers	5,854.15	
Draftsmen	3,880.75	
Field Assistants	1,891.45	
Foremen	5,265.40	
Inspector	1,239.23	
Lampmen	666.00	
Laborers	23,494.70	
Linemen	6,610.20	
Millwright	695.00	
Pavers	4,760.25	
Quarrymen	259.25	
Forward	$ 71,261.58	$ 1,783,863.95

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BOND FUNDS—Continued

Forward	$ 71,261.58	$ 1,783,863.95
Services Bion J. Arnold	1,177.50	
Stenographer	876.35	
Storekeeper	1,162.45	
Superintendent Construction and Asst.	3,926.50	
Surveyor	1,200.00	
Tabulator	250.00	
Teamsters	3,223.85	
Timekeeper	562.00	
Trackmen	30,219.10	
Tracers	275.00	
Tool Sharpener	252.00	
Watchman	3,398.50	
		117,884.83
Auto Supplies	187.35	
Appraisement of Land	235.00	
Basalt Blocks	11,481.00	
Blue Prints	233.18	
Blacksmithing	855.05	
Books	95.29	
Cement	12,105.67	
Demurrage	99.00	
Expenses of City Atty. to Washington	500.00	
Fuel	167.10	
Furniture	11.00	
Forage	217.32	
Hardware and Electrical Supplies	12,352.82	
Hauling Rails	1,789.71	
Harness	90.50	
Hose	188.81	
Horses and Horseshoeing	533.00	
Incidentals	616.62	
Instruments (Surveyors)	35.70	
Insurance	300.00	
Laying Track	9,834.00	
Lumber	1,975.32	
Livery	796.25	
Machinery and Supplies	1,850.40	
Oil	531.15	
Painting and Material	891.71	
Paving	8,702.23	
Plumbing Supplies	154.32	
Forward	$ 66,829.52	$ 1,901,748.78

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BOND FUNDS—Continued

Forward	$ 66,829.52	$ 1,901,748.78
Purchase of Land (Presidio District)	56,000.00	
Rails	18,986.38	
Railroad Bonds (Steel Clamps, etc.)	4,422.50	
Railroad Ties	70,662.32	
Rent	370.80	
Rock and Sand	308.95	
Roofing	94.50	
Rubber Goods	106.25	
Stationery	135.88	
Steel Poles and Bars	16,822.66	
Taxes	297.52	
Teaming	33,668.80	
Tools	109.47	
Veterinary Service	1.50	
Wire	7,630.70	
		276,447.75

HOSPITAL BOND FUND, 1908—5%

Architect	1,013.05	
Axemen	1,356.00	
Bricklayers	63.00	
Carpenters	606.00	
Checkers	150.00	
Clerk	175.00	
Concretemen and Cement Finishers	1,608.00	
Cribbers	143.50	
Draftsmen	9,495.60	
Engineers	3,326.80	
Foremen	533.50	
Hodcarriers	87.50	
Inspectors	8,628.55	
Labor	303.00	
Painters	3,544.75	
Plumber	301.00	
Superintendent	330.00	
Surveyor	713.65	
Stenographer	836.85	
Tracers	1,021.30	
Watchmen	1,116.00	
Wiremen	5,527.50	
		40,880.55
Forward		$ 2,219,077.08

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BOND FUNDS—Continued

Forward		$ 2,219,077.08
Blue Prints	1,152.61	
Boiler, Engine and Steam Fitting	5,876.28	
Cartage	26.50	
Construction	463,709.79	
Chemicals	125.94	
Equipment	1,471.35	
Fire Proofing	6,510.00	
Hardware and Electrical Supplies	2,156.35	
Iron Work (Ornamental)	1,125.00	
Incidentals	329.59	
Lime and Cement	357.24	
Livery	279.00	
Lumber	613.23	
Paint	380.53	
Plumbing Material	67.14	
Rock and Gravel	46.20	
Roofing	12,750.00	
Sundry Repairs	63.50	
Surgical Supplies	3,507.51	
Side Sewer	7,522.00	
		508,069.76

HALL OF JUSTICE AND JAIL BOND FUND, 1904—3½%

Architect	80.65	
Draftsmen	470.65	
Engineers	61.45	
Field Assistants	125.00	
Foreman	59.00	
Inspectors	1,090.85	
Labor	348.85	
Tracers	270.15	
Incidentals	88.00	
		2,594.60

HALL OF JUSTICE JAIL BOND FUND
Issue of 1908—5%

Architect	260.75	
Carpenter	188.00	
Checker	75.00	
Cribber	276.00	
Forward	$ 799.75	$ 2,729,741.44

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BOND FUNDS—Continued

Forward	$ 799.75	$ 2,729,741.44
Draftsmen	638.55	
Engineers	269.90	
Granite Cutters	117.00	
Inspectors	1,336.10	
Labor	336.00	
Painters	6,181.60	
Roofer	105.00	
Stenographer	45.15	
Surveyor	79.85	
Tracer	280.00	
		10,188.90
Alterations	6,380.84	
Blue Prints	90.22	
Construction	313,707.59	
Cartage	197.00	
Cement Flooring	940.32	
Hardware	165.13	
Electrical Work	346.11	
Paints and Oils	826.00	
Livery	90.00	
Machinery	719.47	
		323,462.68

POLYTECHNIC HIGH SCHOOL BOND FUND, 1910—4½%

Architect	834.50	
Carpenters	351.00	
Checker	258.90	
Clerk	56.45	
Draftsmen	6,567.45	
Electrician	450.00	
Engineer, Civil	1,436.10	
Engineer, Structural	1,304.95	
Inspectors	3,120.25	
Labor	9.00	
Plumbers	193.50	
Roofer	27.00	
Stenographer	868.70	
Surveyor	115.80	
Tracer	500.00	16,093.60
Bond Books	39.24	
Forward	$ 39.24	$ 3,079,486.62

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BOND FUNDS—Continued

Forward		$ 39.24	$ 3,079,486.62
Blue Prints		614.25	
Construction		174,112.17	
Drayage		138.55	
Electrical Work		173.80	
Glazing		24.25	
Incidentals		12.80	
Installing Electric Plant		450.00	
Livery		93.00	
Lumber		148.16	
Pipe		50.57	
			175,856.79

SCHOOL BOND FUND, 1904—3½%

Architect and Draftsmen		543.55	
Engineer		32.25	
Inspector		207.15	
Stenographer		67.75	
			850.70
Appraisement		100.00	
Blue Prints		44.95	
Construction of Yards		3,699.00	
Condemnation and Purchase of Land, Norwich and Alabama		4,303.00	
Construction of Bay View School		1,370.00	
Construction of Denman School		32,329.00	
Construction of Lafayette School		1,750.00	
Construction of Everett School		5,321.75	
Construction of Clement School		19,727.75	
Construction of Oceanside School		1,491.00	
Construction of Sutro School		2,062.50	
Equipment		193.60	
Insurance		45.00	
Purchase of Land—			
Gift Map No. 2	$ 6,600.00		
Horners Addition	8,300.00		
Mission	9,100.00		
Precita Valley	14,000.00		
Western Addition	104,000.00		
25th and Utah	14,500.00		
Excelsior Hd.	9,050.00	165,550.00	
			238,322.55
Report on Titles		335.00	
Forward		$ 335.00	$ 3,494,516.66

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BOND FUNDS—Continued

SCHOOL BOND FUND, 1908—5%

Forward	$ 335.00	$ 3,494,516.66
Appraisers	195.00	
Architects	1,002.95	
Asphaltmen	612.05	
Carpenters and Helpers	3,417.00	
Cementmen	308.25	
Checkers	150.00	
Chemist and Assistants	555.00	
Clerks	1,203.65	
Cribbers	198.00	
Curbsetter	70.00	
Draftsmen	6,168.23	
Engineers	1,700.60	
Field Assistants	250.00	
Finishers	109.85	
Foreman	110.00	
Inspectors	14,338.92	
Laborers	371.30	
Painters and Varnishers	1,855.50	
Plumbers	1,404.00	
Stenographers	1,215.05	
Surveyors	1,209.90	
Teamsters	916.50	
Tinners and Roofers	133.75	
Tracers	858.95	
		38,354.45
Blackboards	1,059.63	
Blueprints and Plans	1,201.88	
Cement Work	610.27	
Conduit	36.00	
Equipment—Various Schools	48,069.47	
Hardware and Electrical Material	4,919.69	
Incidentals	237.65	
Lime and Cement	321.42	
Livery	768.00	
Lumber and Millwork	2,173.63	
Metal Work	265.00	
Paints and Oils	917.66	
Plumbing	221.79	
Report on Titles	65.00	
Roofing	304.00	
Forward	$ 61,171.09	$ 3,532,871.11

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BOND FUNDS—Continued

Forward	$ 61,171.09	$ 3,532,871.11
Rubber Goods	3.25	
Sand	381.71	
Sewer Pipe	43.46	
Teaming	213.10	
Purchase of Land—Dehon, near 17th St...	3,500.00	
Purchase of Land—Holly Park	9,695.00	
Purchase of Land—Oakdale Lane	2,250.00	
		77,257.61

Construction of School Buildings

Adams School	26,154.28	
Bryant School	250.00	
Burnett School	3,263.14	
Clement School	441.95	
Cleveland School	1,713.70	
Denman School	2,483.68	
Franklin School	26,012.66	
Garfield School	543.00	
Girls' High School	194,231.57	
Gratton	30,634.40	
Hancock School	505.68	
Harrison School	165.16	
Holly Park School	1,349.00	
Jean Parker School	52,284.75	
John Swett School	68,774.16	
Lakeview School	3,339.55	
Lincoln School	61,888.25	
Lowell School	205,812.68	
Madison School	1,000.00	
McCoppin School	1,186.68	
McKinley School	40,486.64	
Peabody School	29,461.02	
Spring Valley School	44,994.92	
Visitacion School	18,477.43	
West End School	633.80	
Extra Work on Various Schools	2,383.51	
		818,471.61
Forward		$ 4,428,600.33

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BOND FUNDS—Continued

SEWER BOND FUND, 1904—3½%

Forward		$ 4,428,600.33
Bricklayers	3,017.00	
Cement Finishers	66.00	
Cribbers	3,237.25	
Draftsmen	406.40	
Engineers	3,699.65	
Foremen	1,811.75	
Inspectors	2,300.15	
Laborers	6,461.75	
Teamsters	3,181.55	
		$ 24,181.50
Assessment	1,061.75	
Brick	1,501.58	
Construction of Sewer—		
Brannan and Beale Streets	3,186.32	
Cabrillo Street	1,900.28	
Brannan and First Streets	17,818.00	
Geary and Anza Streets	6,915.16	
Glen Park	25,289.06	
Union and Filbert Streets	384.22	
Mount Vernon Avenue	58,424.43	
Wyoming Avenue	2,887.69	
Front Street	13,810.87	
San Bruno Avenue	14,160.19	
Sunnyside	46,003.59	
Castings	235.98	
Hardware	72.00	
Lumber	190.01	
Sewer Pipe	608.24	
		194,449.37

SEWER BOND FUND, 1908—5%

Asphaltmen	258.00	
Carpenters	35.00	
Chemist	725.00	
Civil Engineers	150.00	
Civil Engineers—Junior Assistants	17,216.90	
Clerks	2,550.00	
Draftsmen	13,972.65	
Field Assistants	1,020.90	
Foreman	68.00	
Inspectors	8,819.85	
Forward	$ 44,816.30	$ 4,647,231.20

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BOND FUNDS—Continued

Forward	$ 44,816.30	$ 4,647,231.20
Pumpmen	258.00	
Stenographer	2,515.00	
Surveyor	30.00	
Teamster	305.50	
		47,924.80
Appraisement	185.00	
Bond Books	315.92	
Blueprints	379.48	
Freight	6,555.34	
Hardware	524.73	
Incidentals	483.78	
Livery	552.00	
Lumber	39.37	
Photo Supplies	128.53	
Purchase of Land—Springdale Sewer	700.00	
Purchase of Land—Geneva Avenue	1,300.00	
Power	4.80	
Rubber Goods	8.25	
Tracing Paper	308.87	
		11,486.07
Construction Work on Sewers—		
Beale Street Sewer	5,229.04	
Division Street Sewer	55,712.90	
Ingleside	71,457.94	
Lincoln Way	132,511.85	
Lower Sunset	91,493.76	
Mission Street	10,065.00	
Mile Rock	330.00	
North Point	616,937.79	
Commercial and Drumm (Paving)	239.50	
Raising Water Main	2,992.54	
Seventh Street	47,201.52	
Yerba Buena	31,609.35	
		1,065,781.19
STREET BOND FUND, 1904—3½%		
Field Assistants	105.00	
Inspectors	690.00	
		795.00
Forward		$ 5,773,218.26

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BOND FUNDS—Continued

Forward		$ [illegible]
Paving and Repairs to Streets—		
Mission Street	[illegible]	
Sansome Street	[illegible]	
O'Farrell St., Sacramento to Pacific	[illegible]	
Howard Street, West from [illegible]	[illegible]	
Front of City Property	[illegible]	
Resetting Hydrants	[illegible]	
		[illegible]

WATER SUPPLY BONDS, 1909—4½%

Blue Prints	45.10	
Incidentals	117.06	
		162.16

WATER SUPPLY BONDS (HETCH HETCHY), 1910—4½%

Axemen	2,[illegible]4.35	
Chainmen	7[illegible]	
Cook	9[illegible]	
Draftsmen	4,[illegible]2.45	
Engineers, Consulting	35,356.96	
Engineers, Assistants	9,182.25	
Experts	3,[illegible]3.65	
Field Assistants	339.7[illegible]	
Flagmen	26[illegible]	
Helpers	646.55	
Hydrographers	2,127.75	
Levelers	676.50	
Rodmen	296.85	
Transitmen	1,763.40	
Stenographers	3,608.95	
Surveyors	2,503.50	
		73,076.10
Adding Machine	270.00	
Blue Prints	303.18	
Contingent Expenses	8,782.90	
Forage	316.80	
Groceries	2,568.34	
Hardware	166.41	
Incidentals	1,041.88	
Forward	$ 13,449.51	$ 5,924,469.11

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BOND FUNDS—Continued

Forward	$ 13,449.51	$ 5,924,469.11
Instruments	1,550.96	
Maps	619.28	
Purchase of Land	652,000.00	
Photo Supplies	405.82	
Rent	40.00	
Report on Cost of Plant	4,146.85	
Report on Synopsis of Water Appropriation	300.00	
Stationery	404.86	
Teaming	424.75	
Transcripts	66.90	
Transportation	2,054.70	
Telegrams	25.73	
Wire Cable	106.42	
		675,595.78

Total ($5,792,722.88)

RECAPITULATION OF EXPENDITURES FROM MONEYS RECEIVED FROM SALE OF BONDS FOR YEAR ENDING JUNE 30, 1912

Fire Protection Bonds, 1908—5%	936,984.94	
Garbage Disposal, 1908—5%	39,537.00	
Geary Street Railway, 1910—4½%	394,332.58	
Hospital, 1908—5%	548,950.31	
County Jail and Hall of Justice, 1904—3½%	2,594.60	
County Jail and Hall of Justice, 1908—5%	333,651.58	
Polytechnic High School, 1910—4½%	191,950.39	
School, 1904—3½%	239,173.25	
School, 1908—5%	934,083.67	
Sewer, 1904—3½%	218,630.87	
Sewer, 1908—5%	1,125,192.06	
Streets, 1904—3½%	78,807.65	
Water Supply, 1909—4½%	162.10	
Water Supply (Hetch Hetchy), 1910—4½%	748,671.88	
Total Expenditures from Sale of Bonds	$ 5,792,722.88	
Forward		$ 6,600,064.89

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BOND FUNDS—Continued

BONDS REDEEMED

Forward		$ 6,600,064.89
County Jail and Hall of Justice, 1904—3½%	17,400.00	
Hospital, 1904—3½%	25,000.00	
Library, 1904—3½%	41,100.00	
Mission Park, 1904—3½%	7,300.00	
Park Extension, 1904—3½%	8,200.00	
Playgrounds, 1904—3½%	18,500.00	
School, 1904—3½%	89,800.00	
Sewer, 1904—3½%	181,200.00	
Street, 1904—3½%	40,500.00	
Water Supply, 1909—4½%	100,000.00	
Garbage Disposal, 1908—5%	50,000.00	
		579,000.00

BOND INTEREST ACCOUNT—COUPONS REDEEMED

Co. Jail and Hall of Justice, 1904—3½%	5,785.50	
Hospital, 1904—3½%	3,062.50	
Library, 1904—3½%	16,665.25	
Mission Park, 1904—3½%	8,559.25	
Park Extension, 1904—3½%	9,614.50	
Playgrounds, 1904—3½%	21,691.25	
Schools, 1904—3½%	20,697.25	
Streets, 1904—3½%	23,730.00	
Fire Protection, 1908—5%	210,100.00	
Garbage Disposal, 1908—5%	40,950.00	
Hall of Justice, 1908—5%	46,500.00	
Hospital, 1908—5%	70,600.00	
School, 1908—5%	179,675.00	
Sewer, 1908—5%	128,825.00	
Water Supply, 1909—4½%	17,932.50	
Geary Street Railway, 1910—4½%	47,610.00	
Hetch Hetchy (Water Supply), 1910—4½%	24,727.50	
Polytechnic High School, 1910—4½%	20,497.50	
		897,223.00

Total Bonded Debt, Building, Interest and Redemption	$ 7,268,945.88	
Forward		$ 8,076,287.89

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GENERAL EXPENDITURES

CELEBRATIONS

Forward		$ 8,076,287.89
Fourth of July	2,500.00	
Fourth of July (Extra Expense)	146.00	
Memorial Day	500.00	
Discovery Day (School Dept.)	250.00	
Aquatic Day (Supervisors)	250.00	
		3,646.00

DEPARTMENT OF ELECTIONS

Commissioners	4,999.50	
Registrar of Voters	2,399.98	
Clerk, Chief	1,800.00	
Clerks, Office	10,426.65	
Clerks, Bond Elections	15,885.60	
Clerks, General Election	48,876.45	
Officers of Primary Elections	50,290.00	
Officers of Regular Elections	28,480.00	
Officers of Special Elections	49,840.00	
Stenographers	1,293.35	
Store Keeper	1,200.00	
Carpenters	1,195.00	
Draftsmen	275.00	
Laborers	317.00	
Painters	838.00	
Plumbers	159.00	
Warehouseman	400.00	
		218,675.53
Advertising	4,690.54	
Auto Hire	175.20	
Ballot—Boxes	1,570.00	
Ballot—Paper	876.00	
Blue Prints	50.00	
Cartage	781.00	
Directories	18.00	
Dry Goods	12.85	
Erecting and Taking Down Booths	5,075.48	
Furnishing Booths, etc.	9,986.78	
Garbage Removal	48.00	
Hardware	286.25	
Incidentals	176.78	
Lithographing	1,367.00	
Forward	$ 25,113.88	$ 8,298,609.42

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DEPARTMENT OF ELECTIONS—Continued

Forward	$ 25,113.88	$ 8,298,609.42
Livery and Cab Service	410.00	
Lumber and Mill Work	3,075.99	
Metal Filing Case	395.10	
Paints and Oils	790.88	
Plumbing Supplies	32.62	
Printing Registers	10,027.39	
Printing, Miscellaneous	18,631.25	
Postage	8,731.51	
Rent of Polling Places	1,655.85	
Repairs and Rent of Typewriters	93.50	
Repairs to Building	675.85	
Rubber Goods	117.88	
Stationery	2,741.26	
Tar Paper	472.00	
Telephone Service	55.50	
		73,020.46
Total Department of Elections	$ 291,695.99	

DEPARTMENT OF ELECTRICITY

Electrician	3,000.00	
Bookkeeper	1,800.00	
Batterymen	1,215.70	
Carpenter	15.00	
Clerks	458.65	
Engineer	1,182.40	
Fire Alarm Operators	13,395.70	
Foremen and Assistants	3,868.45	
Hostler	1,174.30	
Inspectors	11,974.80	
Instrument Makers	7,069.40	
Labor	825.00	
Linemen	11,139.80	
Machinist	1,023.75	
Messenger	1,020.00	
Painters	1,474.30	
Repairers	5,227.75	
Sup't of Outside Construction	1,800.00	
Splicers	1,075.50	
Stenographers	1,470.10	
Storekeeper	600.00	
Supervisor of Aerial Construction	1,500.00	
Forward	$ 72,310.60	$ 8,371,629.88

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DEPARTMENT OF ELECTRICITY—Continued

Forward	$ 72,310.60	$ 8,371,629.88
Telephone Operators	4,173.00	
Tinners	31.25	
Wiremen	7,352.65	
		83,867.50
Automobile	950.00	
Automobile Supplies	167.74	
Carfare, etc.	591.41	
Castings	380.25	
Chemicals	229.00	
Crossbeams	211.25	
Dry Goods	15.94	
Electrical Supplies	3,811.08	
Fire Alarm Bells	600.00	
Fuel	118.95	
Furniture	289.78	
Glass and Glazing	7.50	
Hardware	4,060.72	
Horse Shoeing	8.00	
Key Guards	462.50	
Lamps and Repairs	78.48	
Laundry	45.00	
Leather Goods	58.70	
Livery	2,905.00	
Lumber	110.21	
Paints and Oils	399.41	
Removing Garbage	12.00	
Repairs to Chimneys	45.00	
Repairs to Roofs	17.50	
Repairs to Streets	52.61	
Rubber Goods	90.92	
Stationery	669.10	
Sundries	492.00	
Teams	91.00	
Telephone Service	16.83	
Wagon Material	240.35	
Water	21.00	
Wire and Cable	3,009.63	
Constructing Underground Cable, Polk St.	2,825.00	
		23,083.86
Total Department of Electricity	106,951.36	
Forward		$ 8,478,581.24

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FIRE DEPARTMENT

Forward		$ 8,478,581.24
Commissioners	7,170.95	
Chief Engineer	4,999.92	
Chief Engineer Assistants	6,600.00	
Battalion Chiefs	38,925.00	
Blacksmiths	17,188.95	
Boilermakers	3,495.70	
Brass Finishers	1,391.50	
Commissary and Assistants	1,950.00	
Employees of Fire Engine Companies	683,663.30	
Employees of Chemical Engine Companies	74,049.35	
Employees of Fire Boat Companies	71,073.80	
Employees of Hook and Ladder Co.'s	198,610.50	
Employees of Monitor Battery Companies	3,843.50	
Employees of Relief Companies	13,226.95	
Employees of Water Tower Companies	7,339.45	
Foremen	1,552.50	
Harness Makers	6,306.85	
Horse Shoers	6,975.00	
Hostlers	11,200.00	
Hydrantmen	8,583.35	
Machinists	12,322.55	
Millhands	1,424.60	
Operators	22,291.25	
Painters	7,966.60	
Pattern Makers	2,743.25	
Pump Men	925.00	
Physician	1,145.00	
Stenographer	615.00	
Storekeeper	828.00	
Superintendent of Engines	3,940.00	
Superintendent of Horses	2,735.00	
Steam Fitters	2,363.25	
Teamsters and Draymen	8,339.35	
Veterinary Surgeon	1,200.00	
Wireman	180.00	
Watchmen	3,159.45	
Wood Workers	2,236.50	
		1,242,561.37
Advertising	161.37	
Apparatus	1,112.31	
Automobiles—Apparatus	10,642.80	
Forward	$ 11,916.48	$ 9,721,142.61

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FIRE DEPARTMENT—Continued

Forward	$ 11,916.48	$ 9,721,142.61
Automobile—Chemical Wagon	6,308.00	
Automobile—Chemical Engine	6,625.00	
Automobile—Supply Truck	3,500.00	
Automobile—Supplies and Repairs	1,439.57	
Badges	358.90	
Blue Prints	80.00	
Blacksmithing	90.64	
Boiler	1,062.85	
Boiler Compound	351.00	
Castings	2,175.73	
Cordage	127.14	
Drugs and Chemicals	1,843.62	
Dry Goods	41.43	
Electric Supplies	1,103.46	
Engrossing Memorial	35.00	
Expense Trip to Los Angeles	106.55	
Examination, Physical	260.00	
Fire Extinguishers	212.50	
Flags	177.60	
Forage	41,302.47	
Fuel	20,031.41	
Fuel Oil	7,823.92	
Furniture	5,847.14	
Hardware	10,683.84	
Harness	2,534.07	
Horses	18,130.00	
Hose	692.21	
Hydrants	3,175.05	
Hydrants Set and Reset	3,126.23	
Incidentals	132.45	
Iron and Steel	2,389.12	
Lamps and Repairs	1,371.56	
Lime and Cement	13.50	
Life Nets	180.75	
Livery	18.00	
Lumber and Millwork	1,204.41	
Maps	20.00	
Metal Polish	248.46	
Oil Burners	348.50	
Pads	2,991.35	
Paint and Oils	4,172.43	
Forward	$ 164,252.34	$ 9,721,142.61

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FIRE DEPARTMENT—Continued

Forward	$ 164,252.34	$ 9,721,142.61
Removing Garbage	6,840.00	
Repairs to Fire Boats	3,023.07	
Repairs to Machinery	3,917.63	
Rubber Goods	1,793.14	
Rent	1,725.00	
Springs	258.95	
Stable Supplies	2,090.53	
Stationery	1,761.02	
Water for Fire Boats	1,578.63	
Water for Hydrants	131,210.05	
Water Proof Dressing	352.54	
		318,802.90

Construction and Repairs to Fire Houses.

Construction of Engine Houses No. 6 & 14	28,019.95	
Construction of Engine House No. 30	8,162.63	
Construction of Engine House No. 42	10,234.53	
Constr'n of Engine House Richmond Dist.	109.48	
Construction of Engine House No. 43	9,766.52	
Construction of Engine House No. 28	1,485.00	
Appraiser	145.00	
Architect	292.05	
Asphaltmen	230.15	
Cement Finishers	110.50	
Carpenters	7,651.50	
Clerks	237.10	
Curb Setters	3.00	
Draftsmen	2,277.75	
Engineer	199.40	
Inspector	100.00	
Instrument Makers	281.25	
Labor	122.00	
Linemen	687.50	
Millmen	120.00	
Painters	4,013.50	
Plumbers	2,658.00	
Stenographer	300.00	
Surveyor	231.60	
Teamster	325.00	
Tinners	1,945.50	
Forward	$ 79,708.91	$10,039,945.51

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FIRE DEPARTMENT—Continued

Forward	$ 79,708.91	$10,039,945.51
Tracers	62.50	
Wiremen	516.05	
		80,287.46
Blue Prints	58.85	
Cartage	92.00	
Constructing Side Sewer	208.45	
Cement and Lime	63.86	
Chemicals	103.78	
Electrical Material	461.25	
Fuel and Oil	209.60	
Glass and Glazing	407.26	
Hardware	2,167.61	
Hose	6.38	
Incidentals	27.50	
Lumber	4,450.74	
Millwork	217.86	
Paints and Oils	1,142.53	
Plumbing	257.34	
Report on Title	130.00	
Roofing	26.90	
Sewer Pipe	55.49	
Sundry Repairs	157.73	
Testing Land—12th Ave and Lobos	56.25	
Water	85.00	
Wire	18.10	
Purchase of Land—Wisconsin Street	925.00	
Purchase of Land—Com'l & Drumm Sts.	15,500.00	
Purchase of Land—Sac'to & Drumm Sts.	16,753.00	
Purchase of Land—Alvarado St. & Hoffman Ave	5,200.00	
Purchase of Land—Girard and Wildie Sts.	1,600.00	
		50,382.48

FIREMEN'S RELIEF AND PENSION FUND.

Salary of Secretary	600.00	
Pension, etc.	70,956.31	
		71,556.31
RELIEF FOR EXEMPT FIREMEN	5,000.00	5,000.00
Total Fire Department Expenses	1,768,590.52	
Forward		$10,247,171.76

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DEPARTMENT OF HEALTH

GENERAL OFFICE

Forward		$10,247,171.76
Health Officer	3,600.00	
Chief Clerk	2,700.00	
City Physician	2,475.00	
Auditor	1,920.00	
Bacteriologist and Assistants	3,300.00	
Chemist and Assistants	5,244.35	
Clerks	7,810.00	
Director of Laboratories	1,000.00	
Disinfectors	2,760.00	
Inspectors—Dairy	4,560.00	
Food	5,853.30	
Garbage	875.00	
Garden	805.00	
Health	11,992.50	
Indigent	1,375.00	
Industrial	2,746.65	
Market	21,356.00	
Plumbing	11,100.00	
Sanitary	6,990.00	
Janitor	108.00	
Medical Examiners	4,410.85	
Mechanics	100.00	
Stenographer	3,370.00	
Steward	18.00	
Telephone Operator	1,000.00	
Veterinary Surgeon	1,800.00	
Warehouseman	180.00	
		109,449.65
Auto Service	200.65	
Auto Supplies	578.60	
Dry Goods	40.95	
Drugs and Chemicals	1,597.41	
Expense, Attending Convention	100.00	
Furniture	51.52	
Forage	8.89	
Groceries and Samples	242.37	
Hardware and Electric Supplies	157.93	
Ice	161.35	
Incidentals and Carfare	3,842.40	
Forward	$ 6,982.07	$10,356,621.41

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GENERAL OFFICE—Continued

Forward	$ 6,982.07	$10,356,621.41
Laboratory Supplies	903.90	
Livery and Transportation	5,379.85	
Laundry	103.55	
Premium on Bond	15.00	
Removal of Garbage	73.50	
Rent and Repairs of Typewriter	83.03	
Rubber Goods	65.50	
Stationery	3,615.17	
Sterilizer	426.00	
Surgical Instruments	247.24	
Veterinary Service	2.50	
Total		17,897.31

CITY AND COUNTY HOSPITAL

Ambulance Drivers	1,095.00	
Butcher	1,187.00	
Chambermaid	795.00	
Commissary and Clerk	3,200.00	
Cooks	5,510.65	
Druggist and Assistants	2,426.00	
Dietician	720.00	
Dishwashers	142.35	
Electrician	160.00	
Elevatormen	1,900.00	
Foremen	300.00	
Gatekeepers	1,831.65	
Helpers and Attendants	8,097.40	
Internes	4,780.00	
Laundress	459.20	
Mechanics	1,676.70	
Morgue Attendant	190.35	
Nurses—Graduate	6,579.35	
Operation	1,339.20	
Pupil	4,965.55	
Orderlies	5,928.65	
Pantrymen	2,388.15	
Physicians	2,220.00	
Seamstress	570.00	
Secretary and Assistants	1,480.00	
Steward	855.00	
Forward	$ 60,797.20	$10,374,518.72

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CITY AND COUNTY HOSPITAL—Continued

Forward	$ 60,797.20	$10,374,518.72
Surgical Dresser	850.00	
Teamsters	960.00	
Telephone Operators	3,036.85	
Waiters	3,398.80	
Warden	1,750.00	
Ward Tenders	1,822.85	
Watchmen	1,325.00	
X-Ray Operator	301.30	
		74,242.00
Bread	4,162.03	
Blacksmithing	269.60	
Cartage	191.50	
Cleaning Supplies	183.93	
Drugs and Medical Supplies	13,226.89	
Dry Goods and Clothing	5,476.56	
Electrical Supplies	266.82	
Engrossing	17.50	
Forage	552.70	
Fruits and Vegetables	4,874.26	
Fuel	2,131.04	
Fuel Oil	3,936.47	
Furniture	1,284.97	
Glassware	112.11	
Groceries and Provisions	35,121.35	
Hardware	2,535.68	
Harness	189.45	
Horse Clipping and Shoeing	449.25	
Ice	567.00	
Incidentals	96.50	
Lamps and Repairs	77.40	
Liquors	15.98	
Livery	396.50	
Lumber	820.81	
Meat, Poultry and Fish	18,091.57	
Milk and Cream	15,573.06	
Paints, Oils, Etc.	593.88	
Photo Supplies	249.97	
Probation Expenses	199.30	
Removal of Garbage	351.85	
Removing Equipment from Ingleside	829.10	
Repairs to Scales	25.70	
Forward	$ 112,870.73	$10,448,760.72

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CITY AND COUNTY HOSPITAL—Continued

Forward	$ 112,870.73	$10,448,760.72
Rent	470.60	
Rubber Goods	1,180.77	
Stationery	988.08	
Sundry Repairs	290.18	
Surgical Supplies	769.47	
Veterinary Service	6.50	
Wagon Repairs	387.22	
X-Ray Supplies	438.36	
		117,401.91

CARE OF PATIENTS IN PRIVATE INSTITUTIONS

Children's Hospital	258.33	
French Hospital	44.29	
Hahneman Hospital	1,965.82	
Juvenile Home	91.29	
Lane Hospital	1,446.21	
University of California Hospital	1,681.28	
		5,487.22

CONSTRUCTION OF FRAME BUILDINGS, S. F. HOSPITAL

Work Performed Under the Direction of Board of Public Works.

Asphaltmen	366.00	
Carpenters	8,592.50	
Concretemen	34.50	
Cribbers	66.00	
Draughtsmen	300.00	
Foremen	71.50	
Laborers	438.00	
Painters	1,964.00	
Plumbers	2,561.05	
Quarrymen	30.25	
Tinners	104.00	
Wiremen	236.00	
		14,763.80
Awnings	1,007.69	
Hardware and Electrical Supplies	2,164.87	
Lumber	9,290.44	
Plumbing Supplies	1,974.84	
Paints	533.71	
Forward	$ 14,971.55	$10,586,413.65

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ISOLATION HOSPITAL—Continued

Forward	$ 2,609.00	$10,701,909.97
Nurses	2,220.00	
Orderlies	569.70	
Morgue Attendant	420.72	
Commissary	1,200.00	
Cooks	1,623.00	
Laundryman	240.00	
Stenographer	156.00	
Waiter	358.00	
Watchman	1,516.75	
Bricklayers	12.00	
Carpenters	479.50	
Tinners	42.75	
Painters	168.00	
Plumbers	417.00	
Wiremen	75.00	
		12,107.42
Blacksmithing and Wagon Repairs	54.45	
Bread	245.86	
Cartage	18.25	
Destroying Buildings at Ingleside	3,000.00	
Drugs and Medicines	607.46	
Dry Goods	69.59	
Fruits and Vegetables	1,099.53	
Fuel	589.73	
Furniture	53.46	
Garbage Removal	47.50	
Glass and Glazing	73.00	
Groceries	1,831.30	
Hardware	337.50	
Horseshoeing	88.00	
Ice	244.80	
Incidentals	199.75	
Janitors Supplies	31.88	
Livery	439.33	
Lumber and Millwork	933.17	
Meats, etc.	1,409.89	
Milk	580.30	
Paints and Oils	542.27	
Plumbing	41.23	
Repairs, Sundry	319.54	
Rock and Cement	170.91	
Forward	$ 13,028.70	$10,714,017.39

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ISOLATION HOSPITAL—Continued

Forward	$ 13,028.70	$10,714,017.39
Rubber Goods	68.08	
Seeds	30.00	
Stationery	93.95	
Surgical Supplies	60.00	
Typewriting and Stenographing	11.25	
		13,291.98

SPECIAL SANITATION

Bacteriologist and Assistant	346.65	
Inspectors	9,916.70	
Plumbers	13.50	
Warehousemen	600.00	
		10,876.85
Animals	761.00	
Auto Services	1,652.00	
Books	11.00	
Carfare	310.70	
Cartage	44.26	
Cement	16.62	
Drugs	892.48	
Dry Goods	9.54	
Electrical Material	55.16	
Expenses—Transportation of Leper	131.30	
Forage	57.85	
Fuel	25.68	
Gas Appliance	225.00	
Garbage, Removal of	57.00	
Hardware	480.47	
Ice	42.95	
Impounding Dogs	500.00	
Incidentals	492.21	
Lamps	23.27	
Lumber	57.87	
Medical Inst's.	98.34	
Paint	24.70	
Pasteur Treatment	210.00	
Provisions	658.39	
Rat Traps	823.40	
Rent	489.60	
Rock and Sand	13.50	
Rubber Goods	84.94	
Forward	$ 8,249.23	$10,738,186.22

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SPECIAL SANITATION—Continued

Forward	$ 8,249.23	$10,738,186.22
Stationery	241.53	
Surgical and Optical Goods	319.84	
Typewriting Supplies	122.00	
Water	22.02	
		8,954.62

Total Board of Health ($499,969.08)

JUDICIAL DEPARTMENT

JUSTICE'S COURT

Justices of the Peace	18,000.00	
Clerk	3,000.00	
Cashier	1,800.00	
Deputies	4,650.00	
Messenger	1,200.00	
		28,650.00
Furniture and Filing Cases	366.40	
Stationery	1,306.56	
		1,672.96

POLICE COURTS

Police Judges	14,400.00	
Stenographers	9,600.00	
		24,000.00
Expert Testimony	125.00	
Furniture	1,360.92	
Certified Certificate of Birth	.50	
Stationery	158.71	
		1,645.13

SUPERIOR COURTS

Judges Superior Court	36,000.00	
Judges Superior Court Acting (Ex. Ses.)	14,056.15	
Judges of Superior Court Secretary	3,000.00	
		53,056.15
Reporters' Fees—Department 2	10.00	
Reporters' Fees—Department 6	5,729.60	
Reporters' Fees—Department 7	84.10	
Reporters' Fees—Department 10	557.36	
Forward	$ 6,381.06	$10,856,165.08

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SUPERIOR COURTS—Continued

Forward	$ 6,381.06	$10,856,165.08
Reporters' Fees—Department 11	6,056.49	
Reporters' Fees—Department 12	6,609.10	
Reporters' Fees—Department, Ex. Ses'n	45.00	
		19,091.65
Binding Law Books	23.00	
Dictaphones	75.00	
Furniture	4,494.12	
Law Books	157.40	
Services—C.&C. Violating Sec. 270 P. C.	138.00	
Secretarys Incidentals	125.00	
Stationery	1.147.02	
Telegrams	169.84	
Typewriting Supplies	13.50	
Witness Fees	341.50	
		6,684.38

COUNTY CLERK'S OFFICE

County Clerk	3,999.96	
Cashier	1.800.00	
Court Room Clerks Superior Court	24,000.00	
Court Room Clerks Police Court	6,000.00	
Office Clerks	6,850.00	
Register Clerks	11,400.00	
Register Clerks Assistants	15,000.00	
Copyists	37,235.60	
Messenger	1,200.00	
		107,485.56
Carfare	5.30	
Furniture	563.14	
Repairs	5.15	
Stationery	5,750.13	
		6.323.72

CITY ATTORNEY'S OFFICE

City Attorney	4,999.92	
City Attorney Assistants	23,087.50	
Clerks	2,700.00	
Messenger	900.00	
Stenographers	2,159.50	
		33,846.92
Forward		$11,029,597.31

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CITY ATTORNEY—Continued

Forward		$11,029,597.31
Appraisement	100.00	
Dictaphone	325.00	
Expenses of City Attorney and Assts	722.99	
Expert Testimony	115.00	
Furniture	973.24	
Incidentals	94.20	
Leather Case	8.50	
Law Books	1,761.52	
Maps	10.00	
Press Clippings & Subscrip'n to Papers	60.00	
Premium on Bonds—Fred Eggers	250.00	
Printing and Stationery	1,889.99	
Report on Titles	170.00	
Searching Records	30.00	
Stenographing	845.75	
Typewriter	64.53	
Transportation	268.20	
		7,688 92

DISTRICT ATTORNEY'S OFFICE

District Attorney	4,999.92	
Assistants—Police Court	9,600.00	
Assistants—Superior Court	10,800.00	
Assistants—Additional	12,000.00	
Bond and Warrant Clerk and Assistants	9,000.00	
Bookkeeper	1,200.00	
Clerks	3,000.00	
Messenger	1,500.00	
Stenographer	900.00	
		52,999.92
Auto Hire	13.20	
Expert Services, Handwriting	737.50	
Extraordinary Expense—Prosecution of Crime	5,002.48	
Furniture	793.75	
Incidentals	34.20	
Law Books	6.90	
Reports of Appellate Court	69.40	
Serving Subpoenaes	127.90	
Stationery	605.80	
Forward	$ 7,391.13	$11,090,286.15

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DISTRICT ATTORNEY—Continued

Forward	$ 7,391.13	$11,090,286.15
Stenographing	307.45	
Survey West End Map No. 1	20.00	
		7,718.58

GRAND JURY

Clerical Services	394.95	
Expert Services	750.00	
Interpreters	90.00	
Jurors Compensation	3,094.00	
Stenographers	235.45	
		4,564.40
Auto Services	275.35	
Furniture	293.83	
Incidentals	299.55	
Livery	29.25	
Meals	6.40	
Medical Testimony	175.00	
Stationery	15.04	
Telegrams, etc.	30.40	
Towel Service	9.50	
Transcribing Testimony	3,287.86	
Transportation	270.25	
Typewriting	17.80	
Water	10.00	
		4,720.23

INSANE

Examination of Insane	8,700.00	
Expert Testimony	335.00	
Maintenance of Criminal Insane	2,683.50	
		11,718.50

INTERPRETERS

Interpreters Criminal Courts	9,500.00	9,500.00

JURORS' FEES AND WITNESS EXPENSES—CRIMINAL CASES

Jurors' Fees—Dep't 6, Superior Court	8,416.00	
Jurors' Fees—Dep't 11, Superior Court	7,188.00	
Forward	$ 15,604.00	$11,128,507.86

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JURORS' ETC.,—Continued		
Forward	$ 15,604.00	$11,128,507.86
Jurors' Fees—Dep't 12, Superior Court	8,266.00	
Meals, Lodging and Transportation	2,375.15	
Witness' Expenses	2,091.32	
		28,336.47
JUVENILE DETENTION HOME		
Probation Officer	2,700.00	
Chief Assistant	2,100.00	
Assistants	13,500.00	18,300.00
Incidentals (Court Orders)	6,096.70	6,096.70
Sup't of Detention Home and Assts	3,000.00	
Asphaltmen	26.70	
Carpenters	248.00	
Cook	505.00	
Curb Setters	6.40	
Finishers	22.40	
Foremen	10.00	
Laborers	6.40	
Matrons	1,380.00	
Painters	121.00	
Plumbers	202.97	
Teamsters	13.00	
Tinners	25.50	
Wiremen	15.00	
		5,582.37
Drugs and Medicines	30.15	
Dry Goods and Clothing	720.47	
Electric Work	8.65	
Fruits and Vegetables	448.43	
Fuel	350.35	
Furniture	641.60	
Gas	10.20	
Garbage Removal	30.50	
Glass	39.20	
Groceries	2,243.98	
Hardware	781.58	
Ice	27.50	
Incidentals	5.72	
Law Books	5.00	
Laundry	889.40	
Lumber and Millwork	120.66	
Forward	$ 6,353.39	$11,186,823.40

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JUVENILE HOME—Continued

Forward	$ 6,353.39	$11,186,823.40
Medical Attention, Hospital Service	1,874.93	
Meats, Poultry and Fish	1,081.08	
Paints and Oils	24.16	
Plumbing and Repairs	67.16	
Stationery	551.50	
Water Heater	195.00	
		10,147.22

LAW LIBRARY

Librarian	2,400.00	
Messenger	1,200.00	
		3,600.00
Furniture	125.37	
Stationery	120.02	
		245.39

LAW AND MOTION CALENDAR

Printing Journal—Superior Courts	4,099.92	4,099.92

SHERIFF'S OFFICE

Sheriff	7,999.87	
Under Sheriff	2,400.00	
Attorney	1,800.00	
Bailiffs	21,399.10	
Bookkeepers	4,565.00	
Deputies	19,625.00	
Stenographer	900.00	
Cashier	2,146.66	
Commissary	1,500.00	
Cooks	1,800.00	
Druggist	1,199.95	
Guards—Jails	13,191.65	
Guards—Road	5,400.00	
Jailers	13,902.80	
Keepers and Mileage	12,373.80	
Matron	900.00	
Supt. of Jails	1,800.00	
Van Drivers	1,800.00	
		114,703.83
Forward		$11,319,619.76

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SHERIFF'S OFFICE—Continued

Forward		$11,319,619.76
Blacksmithing and Wagon Repairs	958.82	
Furniture	250.87	
Harness	274.25	
Horseshoeing and Clipping	677.25	
Incidentals	46.00	
Livery	490.40	
Meals for Prisoners (Court Orders)	88.65	
Rent of Motor	210.65	
Stationery	1,343.23	
Straight Jackets	48.00	
Transportation of Prisoners	481.12	
Veterinary Service	82.50	
		4,951.74

Subsistence of Prisoners (Jails)

Blacksmithing	253.90	
Bread	3,455.74	
Crockery	24.36	
Drugs and Medicines	614.47	
Dry Goods and Clothing	3,209.49	
Forage	1,816.92	
Fruits and Vegetables	2,280.17	
Fuel and Oil	3,971.50	
Furniture	311.01	
Groceries	13,455.83	
Handcuffs	330.80	
Hardware	1,088.67	
Harness	69.85	
Horseshoeing	35.50	
Ice	411.30	
Incidentals	29.22	
Lamps	106.20	
Leather	130.64	
Lime and Cement	57.36	
Livery	45.00	
Liquors and Tobacco	26.71	
Meat, Poultry and Fish	11,270.43	
Paints and Oils	353.43	
Rubber Goods	124.42	
Forward	$ 43,472.92	$11,324,571.50

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SHERIFF'S OFFICE—Continued

Forward	$ 43,472.92	$11,324,571.50
Shoes and Findings	1,126.34	
Spur Track Privilege	32.50	
		44,631.76

Repairs to County Jails

Bricklayer and Hodcarrier	427.00	
Carpenters	1,109.00	
Cement Workers	81.00	
Laborers	24.00	
Locksmith	25.00	
Painters	2,757.35	
Plumbers	1,374.00	
Teamsters	35.25	
Tinners	67.75	
		5,900.35
Carpet Laying	90.48	
Cartage	32.00	
Cement	96.41	
Glazing	127.70	
Grates	154.10	
Hardware	1,979.28	
Lumber	477.05	
Millwork	20.03	
Paints	495.68	
Pipe	19.79	
Plumbing	142.95	
		3,635.47

Total Judicial ($631,598.24)

LIGHTING STREETS AND PUBLIC BUILDINGS

Lighting Buildings with Electricity	31,983.34	
Lighting Panhandle and Safety Stations, Electricity	1,785.24	
Lighting Streets, Electricity	185,283.15	
Electroliers	14,050.58	
Lighting Buildings with Gas	8,034.36	
Lighting Streets, Ordinary Lamps with Gas	149,600.34	
Forward	$ 390,737.01	$11,378,739.08

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LIGHTING STREETS AND PUBLIC BUILDINGS—Continued

Forward	$ 390,737.01	$11,378,739.08
Lighting Streets, Triple Top Lamps with Gas	10,168.05	
Removal of Lamps	50.00	
Stenographic Reports on Gas Rates (Supervisors)	350.00	
		401,305.06

PARKS

Superintendent	4,200.00	
Secretary	2,100.00	
Bookkeeper	1,500.00	
Clerks	2,400.00	
Cook	942.00	
Curators	4,040.00	
Stenographer	1,620.00	
Superintendent of Quarters	1,800.00	
Surveyor	1,591.75	
Printer	790.00	
Apprentices	1,883.70	
Blacksmiths	2,408.50	
Caulkers	168.00	
Carpenters	3,135.75	
Cement Workers	1,764.00	
Chauffeur	1,500.00	
Employees of Children Playground and Museum	8,339.50	
Engineers, Firemen, etc.	8,835.75	
Foremen	46,144.40	
Gardeners	12,867.50	
Iron Workers	404.45	
Keepers	6,060.25	
Laborers	124,509.50	
Lavatory Employees	1,788.65	
Painters	2,853.05	
Plumbers	1,430.50	
Stablemen	4,696.00	
Teamsters	17,803.30	
Wood Choppers	370.50	
Water Tender	1,800.00	
		269,747.05
Forward		$12,049,791.19

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PARKS—Continued

Forward		$12,049,791.19
Advertising	352.80	
Ammunition	167.86	
Apparatus	180.70	
Auto Supplies	708.18	
Birds and Animals	159.00	
Blue Prints	4.58	
Blacksmithing	168.08	
Boiler Compound	201.08	
Brass Castings	133.00	
Brick	36.83	
Cartage	88.15	
Cash Register	190.00	
Cement and Lime	1,218.37	
Confectionery and Soda	5,349.43	
Cordage	402.64	
Directory	6.00	
Drugs and Chemicals	464.53	
Dry Goods	513.31	
Embalming ("Monarch") Grizzly Bear	110.00	
Flags	45.28	
Forage	15,137.08	
Furniture	283.25	
Fuel and Oil	4,253.55	
Gas and Electricity	1,040.91	
Groceries and Provisions	18,867.28	
Hardware	5,218.92	
Harness	237.45	
Horse Clipping	64.75	
Ice	620.75	
Iron Pipe	1,687.36	
Incidentals	3,036.54	
Insurance	825.00	
Janitorial Supplies	425.67	
Lawn Mowers	2,277.51	
Laundry	421.72	
Loam and Clay	820.50	
Lead	18.60	
Lumber and Millwork	5,052.99	
Machinery and Repairs	1,407.52	
Mounting Animals	80.00	
Forward	$ 72,277.17	$12,049,791.19

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PARKS—Continued

Forward	$ 72,277.17	$12,049,791.19
Musical Concerts	10,761.77	
Oil	1,358.68	
Paints, Oils, etc.	1,485.50	
Paper	174.40	
Photo Supplies	28.85	
Press Clippings	15.00	
Plants, Trees and Seeds	4,269.32	
Plastering	232.43	
Plumbing Supplies	1,352.67	
Purchase of Touring Car	3,566.28	
Printing and Stationery	1,243.63	
Power	950.17	
Rent of Derrick	60.00	
Repairs to Bituminous Walks	588.70	
Repairs to Tennis Courts	623.70	
Rock	138.00	
Rubber Goods	1,695.92	
Sewer Pipe	454.76	
Surveying Supplies	54.80	
Tennis Nets	102.12	
Turnstiles	133.00	
Towel Service	3.75	
Veterinary Service	34.25	
Uniforms	55.62	
Wagon Repairs	48.20	
Water	19,947.40	
Wire	920.77	
		122,576.86
Construction of Septic Tank	1,245.00	1,245.00
Parking Dolores St.—Coping	1,268.00	1,268.00
Total Parks	$ 394,836.91	

PLAYGROUNDS

Superintendent and Supervisors	2,386.90	
Directors	7,507.00	
Secretary	1,700.00	
Caretakers	2,462.50	
Carpenters	455.00	
Draftsmen	292.70	
Foreman	242.50	
Gardeners	3,906.00	
Forward	$ 18,952.60	$12,174,881.05

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PLAYGROUNDS—Continued

Forward	$ 18,952.60	$12,174,881.05
Laborers	4,874.50	
Painters	888.75	
Plumbers	393.50	
		25,109.35
Advertising	35.82	
Appraisement	35.00	
Auto Hire	82.50	
Cartage	196.10	
Cement, Lime and Gravel	74.95	
Chimney Pipe	276.32	
Construction Work—North Beach	1,042.13	
Construction Work—7th and Harrison	497.50	
Construction Work—Jackson Street	11,643.75	
Construction Work—17th and Carolina	1,592.00	
Disinfectants	60.87	
Dry Goods	4.00	
Flags	29.08	
Furniture	97.60	
Fuel	5.00	
Gas	25.10	
Hardware	814.65	
Hose	11.52	
Incidentals	241.18	
Laundry	47.70	
Livery	90.00	
Loam	2,892.50	
Lumber	1,464.07	
Paint and Painting	519.41	
Paper	34.00	
Photographs	45.93	
Plants and Seeds	192.49	
Plumbing Material	2,863.55	
Press Clippings	30.00	
Purchase of Land, Russia Ave and Edinburgh	21,000.00	
Printing	14.60	
Rent	37.50	
Repairs—Sundry	304.25	
Rock	1,340.00	
Rubber Goods	72.09	
Sewer Pipe	123.88	
Forward	$ 47,837.04	$12,199,990.40

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PLAYGROUNDS—Continued

Forward	$ 47,837.04	$12,199,990.40
Sporting Goods and Apparatus	892.46	
Stationery	51.48	
Tan Bark	126.90	
Teaming	1,353.20	
Telephone Service	51.00	
Water	1,657.09	
Wire Fence and Iron Gates	529.77	
		52,498.94

Total ($77,608.29.)

POLICE DEPARTMENT

Commissioners	4,800.00	
Chief of Police	3,975.96	
Clerk to Chief	2,376.00	
Police Surgeon	1,208.32	
Property Clerk	2,376.00	
Secretary	1,500.00	
Stenographer	1,800.00	
Captain of Detectives	2,976.00	
Captains of Police	21,384.00	
Lieutenants of Police	34,096.40	
Sergeants of Police	84,710.86	
Sergeants (Detective)	44,676.28	
Corporals of Police	84,535.50	
Patrolmen (Police Officers)	1,037,875.33	
Patrol Drivers	30,286.67	
Hostlers	9,631.00	
Matrons	3,798.37	
Telephone Operators	2,834.37	
Cooks	1,200.00	
Engineers	4,500.00	
		1,380,541.06
Fines of Officers	250.00	
Contribution to Fund	21,310.17	
		21,560.17

MAINTENANCE OF POLICE PATROL

Auto Service	37.50	
Auto Repairs and Supplies	2,472.32	
Blacksmithing and Wagon Repairs	3,453.90	
Buggy	125.00	
Forward	$ 6,088.72	$13,654,590.57

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POLICE DEPARTMENT—Continued

Forward	$ 6,088.72	$13,654,590.57
Cartage	90.60	
Drugs and Chemicals	297.81	
Dry Goods	131.84	
Expense of Trip to Eastern Cities	2,000.00	
Forage	12,927.14	
Flags	20.03	
Fuel	33.65	
Furniture	3,350.78	
Groceries	323.29	
Hardware	933.23	
Harness and Repairs	1,899.86	
Horses	2,400.00	
Horse Keeping	2,357.51	
Horse Shoeing and Clipping	5,103.88	
Incidentals	23.00	
Lamps and Repairs	532.65	
Laundry	33.50	
Law Books	92.00	
Lumber	34.18	
Metal Polish	50.34	
Paints and Oils	256.20	
Photo Supplies	210.96	
Removal of Garbage	576.65	
Repairs to Scale	6.95	
Rubber Goods	333.12	
Stable Supplies	140.99	
Stationery and Typewriters	3,900.45	
Surgical Instruments	65.00	
Veterinary Service	647.35	
		44,861.68

SUBSISTENCE OF PRISONERS— CITY PRISON

Bread	817.00	
Drugs and Medical Supplies	176.48	
Dry Goods and Clothing	799.77	
Fruits and Vegetables	412.18	
Fuel	1,540.45	
Furniture	1,628.54	
Groceries	1,475.76	
Hardware	320.57	
Forward	$ 7,170,75	$13,699.452.25

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POLICE DEPARTMENT—Continued

Forward	$ 7,170,75	$13,699.452.25
Ice	168.35	
Incidentals	38.67	
Laundry	350.48	
Lamps and Repairs	9.00	
Meat, Poultry and Fish	2,129.41	
Milk	13.35	
Photo Supplies	1,098.22	
Rubber Goods	192.30	
Window Shades	4.75	
		11,175.28

POLICE AUTOMOBILE, LAUNCH AND WAGONS

Supplies, Repairs, etc.	3,480.88	
Police Wagons	8,664.00	
Police Launch Repairs and Supplies	1,482.44	
		13,627.32
Police Contingent Expenses	8,000.00	8,000.00

CONSTRUCTION OF POLICE STATIONS

Bay View Police Station	16,729.85	
Kentucky Street Police Station	500.00	
Potrero Police Station	28,053.95	
Richmond Police Station	32,192.62	
Photograph Gallery—Hall of Justice	2,335.00	
		79,811.42

REPAIRS TO POLICE STATIONS

Architect	200.90	
Carpenters	2,167.00	
Clerk	87.50	
Concretemen	54.00	
Draftsmen	1,899.45	
Engineers	146.05	
Instrument Makers	256.45	
Laborers	19.25	
Painters	1,503.50	
Plumbers	524.50	
Stenographers	360.55	
Forward	$ 7,219.15	$13,812,066.27

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POLICE DEPARTMENT—Continued

Forward	$ 7,219.15	$13,812,066.27
Surveyors	178.40	
Tinners	17.00	
Wiremen	1,158.50	
		8,573.05
Blue Prints	76.31	
Carfare	67.10	
Cartage	32.25	
Dry Goods	10.50	
Electric Supplies	764.68	
Fuel	36.11	
Glazing	62.30	
Hardware	580.53	
Lime and Cement	62.89	
Lumber	811.03	
Machinery	139.97	
Millwork	864.02	
Paint	630.55	
Plumbing	29.65	
Purchase of Land—Greenwich Street	8,000.00	
Report on Title	55.00	
Roofing	30.00	
Rubber Goods	2.87	
		12,255.76

POLICE RELIEF AND PENSION FUND

Pension, Etc.	78,740.70	
Secretary	600.00	
		79,340.70
Total Police ($1,659,746.44) Forward		$13,912,235.78

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PUBLIC LIBRARY

Forward		$13,912,235.78
Librarian and Assistant	3,900.00	
Secretary and Assistant	4,198.60	
Office Assistants	14,952.35	
Branch Librarians and Assistants	5,225.05	
Cataloguers	3,856.30	
Curators	3,017.95	
Keepers	1,698.00	
Messengers	1,881.70	
Repairers	1,200.00	
Special Assistant	960.00	
Stenographer	890.00	
Expressman	974.30	
		42,754.25
Books	16,760.03	
Bookbinding	6,350.77	
Catalogue Cards	412.93	
Carpenter Work (Alterations)	3,209.30	
Dues to Library Association	10.00	
Equipment	527.07	
Fuel	579.15	
Furniture	377.56	
Glazing	32.50	
Hardware	134.52	
Incidentals and Carfare	1,185.11	
Insurance	91.65	
Janitorial Supplies	236.12	
Lumber	70.00	
Maps	52.20	
Paints and Oils	86.18	
Paper	18.85	
Printing and Stationery	2,653.83	
Rubber Goods	5.00	
Subscriptions to Papers	128.50	
Towel Service	61.80	
Water	429.29	
Rent	2,725.00	
		36,137.36
Total Library ($78,891.61)		
Forward		$13,991,127.39

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RELIEF HOME—Continued

Forward	$ 29,641.15	$14,236,875.36
Milker	80.00	
Nurses	3,726.00	
Orderlies	370.00	
Pantryman	600.00	
Physicians	2,991.95	
Plumber	1,464.80	
Seamstress	1,200.00	
Stableman	480.00	
Stenographer	900.00	
Steward	4,941.50	
Teamsters	2,520.00	
Warden	649.00	
Warehouseman	720.00	
Watchmen and Gatekeepers	2,160.00	
Compensation to Inmates for Services	13,315.75	
		65,760.15
Alcohol	347.13	
Ambulance Repairs	199.70	
Automobile	2,000.00	
Auto Supplies	257.80	
Boiler Compound	630.00	
Cartage	6.50	
Cordage	10.08	
Crockery and Glassware	181.64	
Demurrage	120.00	
Drugs and Medical Supplies	2,223.12	
Dry Goods and Clothing	7,734.95	
Electrical Supplies	556.95	
Fuel	858.50	
Fuel Oil	5,913.37	
Forage	3,823.50	
Fruits and Vegetables	3,555.00	
Furniture	1,052.50	
Groceries and Provisions	49,951.84	
Hardware	4,838.74	
Harness	227.92	
Horse Shoeing and Clipping	762.25	
Janitors Supplies	645.52	
Incidentals	332.83	
Lamps and Repairs	164.14	
Laundry Supplies	220.07	
Forward	$ 86,614.05	$14,302,635.51

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RELIEF HOME—Continued

Forward	$ 86,614.05	$14,302,635.51
Leather Goods	285.23	
Lime and Cement	788.19	
Lumber	1,228.10	
Meat, Poultry and Fish	31,871.61	
Milk and Cream	3,798.95	
Paints and Oils	1,923.67	
Photo Supplies	244.50	
Plumbing Supplies	39.51	
Purchase of Cows	600.00	
Purchase of Hogs	350.54	
Repairs to Machinery	339.07	
Rubber Goods	678.60	
Seeds and Plants	29.10	
Shoes	1,412.81	
Stationery	457.31	
Sundries	524.73	
Veterinary Service	20.50	
Wagon Repairs	258.88	
Water	1,582.85	
		133,048.20

GENERAL REPAIRS

Architect	113.00	
Cement Finisher	14.00	
Draughtsman	70.00	
Carpenters	389.00	
Inspector	160.00	
Painters	1,330.50	
Plumbers	71.00	
		2,147.50

REPAIRS TO LAST CHANCE HOSPITAL (Special)

Carpenters	1,514.50	
Painters	154.00	
Plumbers	558.00	
Laborers	60.00	
Wiremen	32.50	
		2,319.00
Hardware and Electrical Material	218.30	
Lumber and Millwork	1,260.56	
Forward	$ 1,478.86	$14,440,150.21

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REPAIRS—Continued

Forward	$ 1,478.86	$14,440,150.21
Roofing	252.00	
Plumbing	62.23	
		1,793.09

REPAIRS TO CISTERN (Water for Relief Home)—Special

Assistant Engineer	822.60	
Carpenters	1,010.50	
Cement Finishers	262.00	
Plumbers	1,189.00	
Teamsters	114.50	
		3,398.60
Cement	588.02	
Hardware, etc.	620.79	
Lumber	261.62	
Machinery	2,786.91	
Plumbing Material	2,450.21	
Rock	150.00	
Wagon	35.00	
		6,892.55
Total Relief Home ($215,359.09)		
Forward		$14,452,234.45

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RENT AND REPAIRS.

Forward		$14,452,234.45
Rent and Repairs not otherwise included throughout this Report	103,233.35	103,233.35

REPAIRS TO PUBLIC BUILDINGS

Moving and Equipping Municipal Offices

The Following Amounts have not been Apportioned to Accounts in this Report:		
Services of Mechanics and Labor in Fitting up Offices—City Hall	13,791.85	
Lumber and Material Used in Fitting up Offices—City Hall	19,925.69	
Miscellaneous—Teaming, Moving, etc	1,742.07	
		35,459.61
Compensation for Damages (Hewes Bldg) Res. No. 9530	900.00	900.00
Services of Architect, Walter Cook, Res. No. 9448	1,500.00	1,500.00
Consulting Engineer, Steel Frame Bldgs., Res. No. 9270	957.50	957.50

CITY HALL AND CIVIC CENTER—PLANS

Advisory Architects	4,998.00	
Consulting Architects	5,700.00	
Draftsmen	1,415.95	
Surveyor	27.50	
		12,141.45
Blue Prints	1.93	
Boring Test Holes	771.25	
Drafting Material	102.04	
Incidentals	70.95	
Rent of Premises	205.50	
Telegrams	4.87	
		1,156.54
Expenses of Committee on Specifications, Res. No. 9303	2,970.00	2,970.00
Forward		$14,610,552.90

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RENT AND REPAIRS—Continued

GENERAL MUNICIPAL REPAIRS TO BUILDINGS

Forward		$14,610,552.90
Carpenters	7,220.50	
Cement Workers	99.50	
Laborers	277.50	
Locksmiths	647.00	
Painters	4,358.75	
Plumbers	5,570.00	
Roofers	123.00	
Teamsters	90.50	
Tinners	807.75	
Wiremen	200.00	
		19,394.50
Alcohol	42.36	
Cartage	314.75	
Castings	192.54	
Cleaning Supplies	450.81	
Dry Goods	61.09	
Fuel Oil	909.36	
Furniture	155.00	
Glass and Glazing	510.47	
Hardware and Electric Supplies	3,544.66	
Hose	43.50	
Incidentals	126.50	
Livery	1,894.50	
Locksmithing	10.92	
Lumber	2,007.38	
Paints	1,968.20	
Plumbing Supplies	190.96	
Removing Rubbish	76.50	
Repairs to Assessors Office	2,157.69	
Repairs to County Clerks Office	968.82	
Repairs to Hall of Records	2,070.09	
Repairs to Hall of Justice	3,754.76	
Repairs to Tax Collectors Office	2,728.19	
Repairs to Offices (Miscellaneous)	962.02	
Towel Service	527.25	
Wire	43.72	
		25,712.04
Forward		$14,655,659.44

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RECAPITULATION OF EXPENDITURES BY AND UNDER THE DIRECTION OF THE DEPARTMENT OF PUBLIC WORKS

General Office—Salaries	183,378.88
General Office—Maintenance	22,937.01
Bureau of Engineering	70,915.76
Janitorial Supplies	3,726.66
Beale Street Assessment Fund	42,892.32
Cleaning and Sweeping Streets	306,729.20
Construction of Bridges	10,847.29
Construction of Mission Street Viaduct	145,149.11
Construction of and Repairs to Buildings, Fire Department	130,669.94
Construction of and Repairs to Buildings, Police Department	100,640.23
Construction of and Repairs to Buildings, School Department	92,675.78
Construction of Frame Bldg's and Dwelling Resident Physician S. F. Hospital	35,883.41
Construction of Safety Stations	7,897.56
Plans City Hall and Civic Center	16,267.99
Public Utilities	15,829.45
Repairs to County Jail	9,535.82
Repairs to Relief Home and Cisterns (Water Supply)	16,550.74
Repairs, Moving and Equipping Public Buildings	83,923.65
Repairs to Streets and Sewers	763,863.05
Street Surveys	53,709.63
Tearing Up Streets	53,787.37
Tunnels	2,789.12
Total	$ 2,170,599.97

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SCHOOL DEPARTMENT

OFFICIAL SALARIES

Forward		$14,655,659.44
Superintendent of Schools	3,999.96	
Deputies	11,976.00	
Directors	11,947.50	
Secretary	1,800.00	
Secretary Assistants	4,500.00	
Clerk of High School Board	600.00	
Messengers	2,340.00	
Stenographers	3,831.00	
Telephone Operators	1,116.00	
Architect	122.66	
Chauffeur	1,562.50	
Foreman	1,483.35	
Inspectors	875.00	
Janitors	92,913.80	
Mechanics and Laborers	10,026.75	
Scavenger	3,900.00	
Storekeepers and Assistants	3,630.00	
Superintendent of Repairs and Asst.	2,269.15	
Varnisher	200.00	
Watchman and Water Inspector	1,369.00	
		160,462.67

COMPENSATION OF TEACHERS

Primary and Grammar Day Teachers

Name of School—		
Adams	16,381.50	
Agassiz	22,480.40	
Bay View	14,396.40	
Bergerot (Rochambeau)	15,381.90	
Bernal	20,279.20	
Bryant	18,323.30	
Buena Vista	11,689.05	
Burnett	12,797.75	
Clement	13,423.90	
Cleveland	10,462.80	
Columbia	27,297.60	
Cooper	16,011.65	
Crocker	24,729.70	
Deaf and Dumb	2,400.00	
Forward	$ 226,055.15	$14,816,122.11

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SCHOOL DEPARTMENT—Continued

Forward	$ 226,055.15	$14,816,122.11
Denman	9,021.90	
Detention Home	672.00	
Douglas	12,911.45	
Dudley Stone	15,339.30	
Edison	14,026.85	
Emerson	17,359.50	
Everett	23,462.35	
Fairmount	25,566.55	
Farragut	7,681.95	
Franklin	13,967.70	
Fremont	19,843.20	
Garfield	21,410.80	
Glen Park	16,994.10	
Golden Gate	10,981.60	
Grant	10,826.20	
Grattan	10,742.20	
Haight	17,809.10	
Hamilton	20,177.95	
Hancock	18,679.80	
Harrison	4,114.70	
Hawthorne	12,401.00	
Hearst	23,694.40	
Henry Durant	15,271.50	
Horace Mann	22,902.85	
Hunters Point	1,478.00	
Irving M. Scott	18,079.85	
Jackson	3,137.50	
James Lick	16,187.85	
Jean Parker	19,913.00	
Jefferson	4,031.80	
John Swett	18,242.60	
Junipero Serra	20,201.75	
Lafayette	5,642.20	
Laguna Honda	19,079.15	
Lincoln	10,371.80	
Longfellow	7,909.65	
Madison	13,228.15	
Marshall	16,620.40	
McCoppin	19,070.20	
McKinley	14,088.35	
Mission	15,517.40	
Forward	$ 814,713.75	$14,816,122.11

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SCHOOL DEPARTMENT—Continued

Forward	$ 814,713.75	$14,816,122.11
Monroe	26,388.85	
Moulder	8,030.05	
Noe Valley	19,458.00	
Ocean House (Paul Revere)	1,308.00	
Oceanside (Francis Scott Key)	6,279.70	
Oriental	11,866.25	
Pacific Heights	23,640.65	
Parental (Ethan Allen)	4,520.35	
Parkside	1,308.00	
Peabody	9,113.90	
Portola	15,605.20	
Potrero (Daniel Webster)	12,435.70	
Redding	15,274.60	
Rincon	2,455.50	
Roosevelt	22,101.90	
Sheridan	18,155.00	
Sherman	13,347.45	
Spring Valley	15,030.40	
Starr King	10,230.80	
Sunnyside	4,703.75	
Sunset (Columbus)	2,522.65	
Sutro	19,277.75	
Visitacion	9,001.30	
Washington	17,736.15	
Washington Irving	8,556.10	
Winfield Scott	10,521.25	
Yerba Buena	15,825.15	
		1,139,408.15

PRIMARY AND GRAMMAR EVENING SCHOOLS

Bernal	1,566.35	
Commercial	11,146.65	
Hamilton	8,191.00	
Horace Mann	8,460.55	
Irving M. Scott	137.85	
Jean Parker	1,332.50	
Laguna Honda	597.85	
Lincoln	7,752.45	
Monroe	1,156.80	
Navigation	774.00	
Forward	$ 41,116.00	$15,955,530.26

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SCHOOL DEPARTMENT—Continued

Forward	$ 41,116.00	$15,955,530.26
Portola	633.85	
Roosevelt	1,406.40	
Sherman	4,306.75	
Sheridan	211.50	
Ungraded	197.00	
Washington	7,384.30	
		55,255.80

HIGH SCHOOLS

Girls' High	36,708.40	
Humboldt	19,083.20	
Lowell	41,129.40	
Mission	33,319.65	
Polytechnic	37,164.65	
San Francisco Commercial	34,313.45	
Washington Evening	774.00	
		202,492.75

MISCELLANEOUS, ETC.

Department at Large	45,018.35	
Laboratory	15.00	
Substitutes	44,728.05	
Teachers Annuity and Retirement Fund	3,000.00	
Teachers Annuity and Relief Fund	13,404.00	
Teachers Institute Fund	177.52	
		106,342.92

MAINTENANCE AND SUPPLIES

Advertising	158.75	
Athletic Supplies	234.59	
Automobile, Repairs and Supplies	5,254.20	
Books	7,826.69	
Bulletin Funds	250.00	
Carfare	388.75	
Cartage	1,875.15	
Castings	110.15	
Clocks and Repairs	979.86	
Drawing Material	53.63	
Drums and Repairs	105.48	
Forward	$ 17,237.25	$16,319,621.73

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SCHOOL DEPARTMENT—Continued

Forward	$ 17,237.25	$16,319,621.73
Dry Goods	1,119.40	
Engrossing	543.85	
Equipment Miscellaneous	1,845.75	
Expense of Annual Institute Convention	1,365.00	
Flags	200.62	
Fuel and Oil	17,859.25	
Furniture	3,608.34	
Gas and Electricity	6,400.12	
Groceries	1,594.69	
Hardware	4,194.80	
Incidentals	249.91	
Installation of Drinking Fountains	3,000.00	
Insurance Premiums	353.25	
Janitorial Supplies	3,432.80	
Laboratory Supplies	2,205.08	
Lectures	95.27	
Livery	540.00	
Lumber and Millwork	3,695.46	
Maps and Charts	396.91	
Medals	184.00	
Paint and Oils	425.40	
Photo Supplies	519.74	
Pianos and Musical Instruments	2,134.33	
Plants and Seeds	28.56	
Picture Frames	178.00	
Postage Stamps	686.97	
Plumbing Material	1,519.61	
Printing	5,390.02	
Promotion of Athletics	525.00	
Rent of Pianos, Moving and Tuning	259.25	
Rent of Premises	5,800.40	
Rock	162.50	
Rubber Goods	111.55	
Stationery	10,850.71	
Subscription to Papers	59.50	
Sewing Machines	100.37	
Telephone Service	88.65	
Transportation, Sup't of Schools	805.75	
Typewriters and Supplies	784.75	
Wreaths	115.50	
Water	11,643.67	
		112,311.98
Forward		$16,431,933.71

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SCHOOL DEPARTMENT—Continued

REPAIRS TO SCHOOL BUILDINGS
(Under Direction of Board of Public Works)

Forward		$16,431,933.71
Asphaltmen	108.50	
Bricklayers	132.00	
Carpenters and Helpers	22,159.25	
Cement Finishers	1,281.50	
Clerks	777.45	
Curb Setters	111.00	
Cribbers	153.00	
Foreman	6.00	
Labor	530.50	
Locksmith	1,742.00	
Painters and Helpers	13,415.00	
Plumbers	6,477.00	
Roofers and Helpers	995.00	
Sign Writer	69.00	
Steam Fitters	210.00	
Storekeeper	750.00	
Teamsters	1,314.25	
Tinners and Helpers	7,473.50	
Wiremen	54.00	
		57,758.95
Asbestos	4.74	
Auto Supplies	5.50	
Brick	19.90	
Car Fare	483.10	
Cartage	1,336.50	
Chemicals	15.57	
Chimneys	49.25	
Construction of School Yards, etc.	2,831.91	
Electric Supplies	1,661.97	
Gasoline	10.65	
Glass and Glazing	3,539.22	
Garbage Removal	55.00	
Hardware	3,636.88	
Incidentals	369.54	
Lamps	192.75	
Livery	495.00	
Lumber	9,335.58	
Signs	7.50	
Forward	$ 24,050.56	$16,489,692.66

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SCHOOL DEPARTMENT—Continued

Forward	$ 24,050.56	$16,489,692.66
Machinery	469.25	
Ventilators	590.00	
Moving Buildings	1,260.00	
Millwork	1,455.55	
Paints and Oils	3,618.27	
Pipe—Sewer	120.77	
Plumbing Supplies	1,482.30	
Packing	44.40	
Roofing	911.50	
Rock and Sand	680.10	
Rubber Goods	50.73	
Wire	183.40	
		34,916.83

Total School Department ($1,868,950.05)

STREETS, SEWERS, ETC.

CONSTRUCTION OF BRIDGES

Miguel and Richland Ave. Bridge—		
Engineers	375.00	
Inspectors	697.50	
Construction	9,632.84	
		10,705.34
Third Street Bridge	141.95	141.95

MISSION STREET VIADUCT

Construction	141,216.51	
Engineers	3,932.60	
		145,149.11
Construction of Safety Stations	7,897.56	7,897.56

CLEANING AND SWEEPING STREETS

Blacksmiths	1,639.70	
Bunkermen	2,720.00	
Clerks	1,370.85	
Carpenters	15.00	
District Foremen	8,378.40	
Dump Foremen	2,131.50	
General Foremen	19,935.25	
Painters, etc.	1,260.50	
Forward	$ 37,451.20	$16,688,503.45

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CLEANING AND SWEEPING STREETS—Continued

Forward	$ 37,451.20	$16,688,503.45
Storekeeper	400.00	
Superintendent	3,000.00	
Sweepers	126,348.20	
Teamsters	95,454.48	
Watchmen	3,871.00	
		266,524.88
Brooms and Brushes	1,661.92	
Fuel	51.03	
Garbage Cans	770.00	
Hardware	1,592.45	
Incidentals	9.19	
Livery	4,379.50	
Lumber	141.01	
Rubber Goods	493.32	
Sweeping Machines	917.50	
Scoops	77.32	
Teaming	21,217.15	
Paints and Oils	375.17	
Wagon Repairs and Blacksmithing	1,288.75	
Water	7,230.01	40,204.32

Total ($306,729.20)

GENERAL REPAIRS TO STREETS

Grading, Paving and Repairing—		
Buena Vista Ave.	2,786.75	
California St., Sansome to Battery	4,482.30	
California St., Battery to Front	3,409.59	
Corbett Road	4,341.06	
Fair Ave., Coleridge & Prospect Ave.	3,520.00	
Folsom and Tehama Sts., First to 2nd	8,093.16	
Freelon and Zoe Sts., 2nd to 4th	9,962.05	
Kearny, California to Sacramento	3,573.80	
Lyon, Union to Filbert	2,455.52	
Shotwell St., 14th to 16th Sts.	2,441.75	
Sansome St., Jackson to Market Sts.	1,729.52	
Twelfth Ave., bet. K and L Sts.	970.50	
Ulloa St., Sloat Boulevard	1,000.00	
Waller St., Octavia and Laguna	815.75	
Widening Gough St.	1,930.00	
		51,511.75
Forward		$17,046,744.40

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CLEANING AND SWEEPING STREETS—Continued

CISTERNS

Forward		$17,046,744.40
Repairing Cisterns	3,741.80	3,741.80

REPAIRS TO STREETS AND SEWERS

Supt's, Corporation Yard and Repairs	5,302.15	
Asphaltmen	71,691.20	
Blacksmiths	3,413.28	
Bricklayers	16,090.50	
Carpenters	6,065.00	
Clerks	3,999.10	
Concretemen	12,530.15	
Cribbers	8,119.25	
Curb Setters	4,695.40	
Engineers	6,050.50	
Cement Finishers	3,134.95	
Foremen	25,122.90	
Granite Cutters	10,412.05	
Hod Carriers	16,112.50	
Hydrantmen	3,483.00	
Inspectors	120.00	
Laborers	68,259.00	
Linemen	65.25	
Locksmith	2.50	
Mixers—Asphalt and Bitumen	1,622.00	
Painters	965.15	
Pavers	36,821.50	
Plumbers	100.50	
Powdermen	1,077.50	
Pump Tenders	921.00	
Quarrymen	21,831.30	
Rammers	15,941.95	
Roofer	165.00	
Sewer Cleaners	26,357.75	
Sign Writer	81.25	
Storekeepers	1,742.50	
Teamsters	112,513.85	
Timekeepers	1,810.00	
Tool Sharpeners	545.95	
Watchmen	10,451.35	
Wiremen	32.50	
Yardmen	552.00	
		498,201.73
Forward		$17,548,687.93

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REPAIRS STREETS—Continued

Forward		$17,548,687.93
Asphalt	24,310.79	
Ammunition	456.51	
Assessments—19th Ave	430.00	
Basalt Blocks	1,200.00	
Blacksmithing	923.14	
Brick	2,569.92	
Buckets	159.75	
Carfare and Incidentals	930.42	
Cartage	2,158.76	
Castings	1,912.33	
Cesspool Repairs, Covers, etc.	1,179.40	
Cordage	155.05	
Curbing and Grading	9,056.07	
Electric Power	409.75	
Flags	419.40	
Freight	2.96	
Fuel Oil	4,353.47	
Fuel	2,945.65	
Gas	1,430.38	
Glass	85.10	
Gravel, Rock and Screenings	43,092.85	
Horseshoe Frames	1,020.93	
Hardware and Electric Supplies	11,671.80	
Hose	592.90	
Lamps and Repairs	86.60	
Lime and Cement	10,066.28	
Livery	6,008.00	
Lumber	9,261.54	
Macadam	300.25	
Millwork	20.00	
Machinery and Repairs	5,464.11	
Manhole Covers	752.47	
Paints and Oils	1,535.25	
Paving and Repairing	3,535.07	
Plumbing	103.08	
Rebate on Side Sewers	69.15	
Rent	328.30	
Repairs, General	1,740.06	
Repairs to Asphalt Plant	5,703.00	
Repairs to Mission Bells	92.50	
Rubber Goods	2,035.80	
Forward	$ 158,568.79	$17,548,687.93

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REPAIRS TO STREETS—Continued

Forward	$ 158,568.79	$17,548,687.93
Sprinkling Cliff Ave.	334.75	
Sundries	1,076.23	
Stone Pipe	4,057.94	
Telephone Service	3.55	
Teaming and Hauling	46,332.75	
Water	33.76	
		210,407.77

Total ($708,609.50)

STREET SURVEYS

Draftsmen	1,000.00	
Engineers	1,600.00	
Field Assistants	32,023.50	
Granite Cutters	833.25	
Labor	24.00	
Surveyors	15,928.25	
Teamsters	6.50	
		51,415.50
Surveys to Reis Tract	400.00	
Books	15.00	
Carfare and Incidentals	563.75	
Cordage	18.00	
Hardware	339.33	
Instruments	638.55	
Livery	90.00	
Lumber	92.50	
Maps	23.30	
Stationery	113.70	
		2,294.13

TUNNELS

Boring Fillmore St. Tunnel	1,520.00	
Boring Stockton St. Tunnel	1,269.12	
		2,789.12

Assessments on Lands Benefited

Beale Street	42,892.32	42,892.32
Forward		$17,858,486.77

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STREETS, SEWERS, ETC.—Continued

TEARING UP STREET FUND

Work Performed Under the Direction of Department of Public Works. Total Amount Audited $82,728.07 of which there is Charged to "Refunds" herein $28,944.70.

Forward		$17,858,486.77
Inspector	2,400.00	
Lampmen	75.50	
Sidesewermen	33,501.15	
Timekeepers	1,550.00	
		37,526.65
Asphalt	1,136.63	
Bitumen	392.98	
Blacksmithing	363.00	
Flags	3.50	
Hardware	179.56	
Lanterns	107.52	
Livery	1,080.00	
Lumber	448.83	
Oil	129.49	
Paint	28.49	
Repairs to Sidesewers	241.99	
Repairs to Trenches	10,669.15	
Rubber Goods	18.00	
Sand	293.98	
Teaming	1,167.40	
		16,260.52

Total (53,787.37)

STATIONERY AND PRINTING

Following Amounts not Apportioned to Accounts throughout this Report:		
Compiling and Printing Public Documents	9,553.83	
Printing Municipal Reports	4,000.00	
		13,553.83

WATER FOR PUBLIC BUILDINGS, ETC.

Following amounts not apportioned throughout this report.		
Water for Municipal Buildings	19,999.92	
Water for Troughs	2,351.78	
		22,351.70
Forward		$17,948,179.67

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WATERWORKS FUND

Forward		$17,948,179.67
Clerk	75.00	
Engineers	2,325.00	
Plumber	18.00	
Stenographer	1,450.00	
		3,868.00
Fuel	110.84	
Gas	230.40	
Hardware	288.81	
Incidentals	40.16	
Livery	43.90	
Machinery and Supplies	272.28	
Oil	138.78	
Plumbing	5.29	
Water Meters	16.80	
		1,147.26
Total amount on demand audited as per foregoing report		$17,953,194.73

REFUNDS

Bail Money, Police Court Orders	546,015.00	
Duplicate Taxes	4,675.37	
Fines and Forfeitures	330.00	
House Moving, Dept. of Elec.—1910-11	113.75	
House Moving, Dept. of Elec.—1911-12	538.25	
House Moving, Dept. Pub. Wks.—1910-11	160.00	
House Moving, Dept. Pub. Wks.—1911-12	1,040.00	
License Fees	10.00	
Miscellaneous Fees	514.10	
Personal Tax	24.50	
Board of Public Works Fees	20.00	
Robinson Bequest Fund (Interest)	2,000.00	
Special Badges	185.00	
Special Permit Fund—1906-07	500.00	
Special Permit Fund—1908-09	300.00	
Special Permit Fund—1909-10	3,596.00	
Special Permit Fund—1910-11	34,960.50	
Special Permit Fund—1911-12	44,931.50	
Taxes Refunded	1,839.84	
Over Payment Corporation Taxes	1,194.52	
Repairs to Streets and Sewers	10.45	
Forward	$ 642,958.78	$17,953,194.73

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REFUNDS—Continued

Forward	$ 642,958.78	$17,953,194.73
Tearing Up Street—1910-11	3,144.80	
Tearing Up Street—1911-12	25,799.90	
Violating Pharmacy Ordinance	13,570.13	
Violating Fish and Game Ordinance	1,490.00	
Violating Cruelty to Animals Ordinance..	603.50	
Violating Cruelty to Children Ordinance..	105.00	
Violating Sanitary Ordinance	140.00	
Windel Bequest Interest Fund	892.12	
		688,704.23
Total Demands on Treasury Audited.....		$18,641,898.96

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RECAPITULATION

TREASURER'S RECEIPTS

Advertising Fund		9,476.20
Advertising Redemption Fund		323.84
Bond Funds—		
Interest	950,771.27	
Public Building	4,060,982.44	
Redemption	622,357.59	
		5,634,111.30
Common School Fund	1,721,700.17	
General Fund—		
Fiscal Year 1911-12		7,921,261.01
Library Fund		81,622.53
Park Fund		366,631.23
Relief Funds—		
Firemen's Relief Fund	73,662.24	
Polce Relief and Pension Fund	23,060.13	96,722.37
Teachers' Institute Fund		590.00
Unapportioned Fee Fund		277,893.33
Waterworks Fund		4,246.35
		16,114,578.33
Rebate Funds and Accounts		760,501.48
Assessor's Account		771,131.89
State of California		929,982.94
		18,576,194.64

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RECAPITULATION.

SOURCES OF REVENUE

Taxes, City and County, except Assessor's Collection 1912, not apportioned	9,230,150.30
Sale of Bonds	4,053,191.00
Licenses	1,237,774.85
State Apportionment to Schools	586,214.78
Unapportioned Fee Fund, City and County Moneys	277,893.33
Apportionment of State Refund on Bonded Indebtedness	124,429.42
Interest on Bank Deposits	79,923.50
Rents	79,537.20
Support of Orphans, Proportion Paid by State of California	77,560.66
Franchise Taxes	69,229.65
Park Receipts	43,814.63
Accrued Interest on Bonds Sold	42,502.69
Building Permits	31,158.40
Court Fines	55,975.50
Fire Boats, One-Half Maintenance of, Paid by State of California	33,285.91
Commissions from State on Personal Property and Poll Taxes	16,505.25
Police Relief and Pension Fund	23,060.13
Taking Down Trolley Wires, Geary Street R. R.	39.05
Payment by S. P. and W. P. R. R., Division Street Sewer	7,529.63
Payment by Ocean Shore R.R., San Bruno Ave. Sewer	222.76
Advertising	9,800.04
Forfeiture, Contract by Schrader Bros.	7,381.52
Water Works	4,246.35
Sales by Mayor	4,100.45
Juvenile Court	7,293.54
Library	3,264.35
City and County Hospital	1,545.79
Isolation Hospital	198.50
Schools	100.00
Relief Home	1,740.97
Cost of Septic Tank in G. G. Park, Paid by Sterling Realty Co.	1,245.00
Forward	$16,114,578.33

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SOURCES OF REVENUE—Continued

Forward		$16,114,578.33
Rebate Accounts		760,501.48
Assessor's Personal Taxes, 1912, not apportioned		771,131.89
State of California		929,982.94
		$18,576,194.64
Miscellaneous		3,663.18
Miscellaneous—		
Recorder	657.50	
State Commission in Lunacy	360.00	
Miscellaneous Refunds from Departments	1,271.70	
Sheriff—Board of Prisoners	61.20	
Coroner—Money found on Decedents	112.45	
Board of Public Works, Damages, 3d St. Bridge	200.00	
Taxes Refunded — State's Portion	95.88	
Fire Commissioners	8.60	
Police Department—Refund Eastern Trip	305.85	
Teachers' Institute Fund	590.00	
	3,663.18	

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TREASURER'S RECEIPTS.

Advertising Fund—		
Board of Fire Commissioners	296.75	
Board of Public Works	5,408.60	
Board of Supervisors	3,770.85	
		9,476.20
Advertising Redemption Fund—		
Redemption of Property Sold to State:		
Auditor	141.68	
Tax Collector	182.16	
		323.84
Bond Funds—		
Interest Accounts:		
County Jail and Hall of Justice Bonds, 1904—3½%:		
Taxes	5,664.40	
Golden Gate Park Ext. and Presidio:		
Taxes	9,268.60	
Hospital.		
Taxes	2,578.01	
Library:		
Taxes	15,451.62	
Mission Park:		
Taxes	8,239.01	
Playgrounds:		
Taxes	21,111.00	
Schools:		
Taxes	20,049.44	
Accrued Interest	1,241.52	
Streets:		
Taxes	24,160.41	
Accrued Interest	212.14	
Geary St. Ry. Bonds of 1910—4½%:		
Taxes	34,465.12	
Accrued Interest	8,888.90	
Polytechnic High School Bonds of 1910—4½%:		
Taxes	12,006.38	
Water Supply Bonds of 1909—4½%:		
Taxes	16,021.02	

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TREASURER'S RECEIPTS—Continued

Water Supply Bonds, Hetch Hetchy Bonds of 1910—4½%:	
Taxes	27,728.17
Accrued Interest	17,529.53
Fire Protection Bonds of 1908—5%:	
Taxes	209,572.31
Accrued Interest	2,177.79
Garbage System:	
Taxes	46,981.15
Accrued Interest	194.45
Hall of Justice:	
Taxes	46,679.86
Accrued Interest	1,536.11
Hospital Bonds of 1908—5%:	
Taxes	78,552.19
Accrued Interest	2,194.44
School Bonds of 1908—5%:	
Taxes	180,274.47
Accrued Interest	4,444.45
Sewer Bonds of 1908—5%:	
Taxes	149,465.42
Accrued Interest	4,083.36
Bond Funds, Public Building, from Sale of Bonds—	
School Bonds of 1904—3½%	188,900.00
Sewer Bonds of 1904—3½%	181,200.00
From Ocean Shore R. R. Act. Sewer Construction, San Bruno Avenue	222.76
Street Bonds of 1904—3½%	30,000.00
Geary St. Ry. Bonds of 1910—4½%:	
Sales	800,000.00
Premium	2,074.00
Cost of Taking Down Trolley Wires	39.05
Water Supply, Hetch Hetchy Bonds of 1910—4½%	990,000.00
Fire Protection Bonds of 1908—5%:	
Sales	320,000.00
Premium	19,344.64
Garbage System Bonds of 1908—5%	8,000.00

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TREASURER'S RECEIPTS—Continued

Hall of Justice Bonds of 1908—5%:		
Sales	140,000.00	
Premium	4,578.00	
Hospital Bonds of 1908—5%:		
Sales	200,000.00	
Premium	7,049.00	
School Bonds of 1908—5%:		
Sales	500,000.00	
Premium	25,788.00	
Sewer Bonds of 1908—5%:		
Sales	600,000.00	
Premium	36,257.36	
Payment by W. P. R. R. and S. P. R. R. their Proportion of Division St. Sewer	7,529.63	
		4,060,982.44
Bond Funds, Redemption Account—		
County Jail and Hall of Justice, Bonds of 1904—3½%:		
Taxes	17,503.60	
Golden Gate Park Extension, Bonds of 1904—3½%:		
Taxes	8,237.21	
Hospital Bonds of 1904—3½%:		
Taxes	24,712.38	
Library Bonds of 1904—3½%:		
Taxes	41,185.21	
Mission Park Bonds of 1904—3½%:		
Taxes	7,207.79	
Playgrounds Bonds of 1904—3½%:		
Taxes	18,533.40	
School Bonds of 1904—3½%:		
Taxes	90,073.12	
Sewer Bonds of 1904—3½%:		
Taxes	175,193.94	
Street Bonds of 1904—3½%:		
Taxes	40,157.20	
Water Supply Bonds of 1909—4½%:		
Taxes	99,875.19	
Garbage System Bonds of 1908—5%:		
Taxes	49,937.60	

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TREASURER'S RECEIPTS—Continued

Hall of Justice, Bonds of 1908—5%:		
Taxes	49,740.95	
		622,357.59
Common School Fund—		
Taxes	1,082,531.39	
Junk Sold	100.00	
Rents of School Property	52,854.00	
State Apportionment	586,214.78	
		1,721,700.17
General Fund, 1911-12—		
Taxes	6,266,585.14	
Building Permits	31,158.40	
Board of Public Works, Recovery of Damages to 3d St. Bridge	200.00	
Coroner, Cash from Decedents	112.45	
FINES—Police Courts:		
Department 1	9,047.00	
Department 2	12,194.00	
Department 3	17,187.00	
Department 4	15,951.00	
Superior Courts	1,596.50	
Franchises:		
Sanitary Reduction Work	17,500.00	
S. F. Electric Protective Co.	15.34	
Street Railroads	51,714.31	
Fire Commissioners, Payment of Damages to Hydrant	8.60	
Hospitals:		
City and County Hospital, Maintenance	1,280.89	
Salaries Overpaid and Overdrafts	173.90	
Sale of Junk	91.00	
Isolation Hospital, Maintenance	198.50	
Interest on Bank Deposits	79,923.50	
Juvenile Court Maintenance	7,293.54	
Licenses	1,237,774.85	
Rents, City Property	26,683.20	
Relief Home:		
Maintenance	1,576.96	
Sale of Bones, etc.	164.01	

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TREASURER'S RECEIPTS—Continued

Refunds:		
Police Commissioners' Eastern Trip Expenses	305.85	
Supervisors', Burial Fee	50.00	
Supervisors, Trip to Santa Barbara	143.00	
Assessor, Restitution by Unknown	5.00	
Bd. of Works, Cost of Work, Beale Street, Recovered from Assessment District	846.80	
City St. Imp. Co., Cost to City for Repairing Street, 16th and Lake Streets	226.90	
Recorder, Desk Rentals	657.50	
Sheriff, Board U. S. Prisoners	61.20	
State of California:		
15% Commission to Assessor on Poll Taxes	15,227.20	
6% Commission to Assessor on Personal Property Taxes	1,278.05	
Fire Boats, One-Half Cost of Maintenance	33,285.91	
Orphans and Half Orphans—State's Share	77,560.66	
Sterling Realty Co., Cost of Septic Tank, G. G. Park	1,245.00	
Treasurer, from Bonding Companies and Accredited Demands, for Failure on Contract by Schrader Bros., During 1910-11	7,381.52	
Lunacy Commission	360,00	
Sale of Property by Mayor:		
Horses	1,698.75	
Shacks	2,401.70	
Taxes Refunded, State's Portion, Sec. No. 3804	95.88	
		7,921,261.01
Library Fund—		
Taxes	78,358.18	
Books Damaged and Lost	129.40	

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TREASURER'S RECEIPTS—Continued

Fines, Etc.	3,071.60	
Insurance Rebate	63.35	
		81,622.53

Park Fund—

Taxes	322,816.60	
Beach Chalet	2,536.30	
Boat House, Rent Account	275.00	
Children's Playground	37,458.65	
Fine, for Dumping Sand in Park	25.00	
Japanese Tea Gardens, Rent of	600.00	
Motorcycle Permits	315.00	
Privileges:		
Programmes	108.00	
S. F. Riding Club	350.00	
Refunds:		
McNab & Smith	30.00	
Labor Performed	580.75	
Sales:		
Horses	108.80	
Horseshoes	5.00	
Elk	300.00	
Junk and Wool	42.53	
Sacks and Sand	949.60	
Seats	70.00	
Vegetable Garden Rents	60.00	
		366,631.23

Relief Funds—

Firemen's Relief Fund—Taxes	73,662.24	
Police Relief and Pension Fund:		
Contributions	21,194.00	
Fines	250.00	
Rewards	145.00	
Sales by Property Clerk	1,471.13	
		96,722.37

Teachers' Institute Fund—

Examination and Certificate Fees		590.00

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TREASURER'S RECEIPTS—Continued

Unapportioned Fee Fund—

Auditor	92.50	
Board of Health	1,116.45	
Board of Public Works	22,591.70	
Coroner	1.15	
County Clerk	86,770.25	
Department of Electricity	14,063.15	
Justices' Court	24,898.25	
Mayor	10.00	
Police Department	1,052.50	
Pound	5,445.40	
Recorder	95,539.75	
Registrar of Voters	3,450.00	
Sheriff	22,855.73	
Treasurer	6.50	
		277,893.33

Water Works Fund—

Water Rentals	3,592.58	
Deficit Paid by Trust Co.	653.77	
		4,246.35

Rebate Accounts—

Bequests:	
Robinson Bequest Interest Fund	2,000.00
Windel Bequest Interest Fund	892.12
Duplicate Tax Fund:	
Dup. and Overpayment of Taxes	6,066.79
House Moving Funds:	
Board of Works	1,790.00
Department of Electricity	1,200.00
Overpayment of Corporation Personal Property Fund:	
Overpayments	1,285.56
Police Court Bail Money Account:	
Bail deposited	549,775.00
Special Badge Fund:	
Deposit on Badges	245.00
Special Permit Fund:	
Deposit for Sidewalk and Street Space	85,103.50

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TREASURER'S RECEIPTS—Continued

Street Assessments paid by Property Owners:		
No. Stanyan St. Widening Fund	6,420.29	
Stanyan St. Opening Fund	10,989.07	
Tearing Up Streets Fund:		
Permits issued for side sewer openings	94,734.15	
		760,501.48
Assessor's Account—		
Personal Property Taxes		771,131.89
		17,646,211.70
State of California—		
Taxes	240,458.88	
Taxes, Corporations, From Assessor	6,428.97	
Taxes, Corp., From Tax Collector	35,176.39	
Fines—Violations of Pure Food Law	140.00	
Inheritance Taxes	508,829.87	
Maintenance of Minors:		
Feeble Minded, Glen Ellen	30,675.00	
Preston School of Industry	9,426.84	
Whittier Reform School	964.69	
Poll Taxes	90,890.20	
Redemption of Property Sold to State	5,622.69	
Sales of Property by State, Sec. 3897	1,369.41	
		929,982.94
Total Receipts		$18,576,194.64

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RECAPITULATION OF PAYMENTS BY TREASURER

Advertising Redemption Fund		323.84
Assessor's Account		609,744.17
Bonds—		
Interest	897,223.00	
Public Building	5,640,198.57	
Redemption	579,000.00	
		7,116,421.57
Common School Fund		1,688,136.05
General Fund—		
1911-12		8,006,293.92
Library Fund		79,478.97
Park Fund		393,934.42
Relief Funds		149,080.84
Teachers' Institute Fund		180.90
Unapportioned Fee Fund		12,184.60
Water Works Fund		4,869.18
Rebate Funds and Accounts		771,449.62
State of California		934,067.41
		$19,766,165.49

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PAYMENTS BY TREASURER

Advertising Fund—		
Redemption Property Sold to State....		323.84
Assessor's Account—		
Apportioned to Sundry Funds.....		609,744.17
Bonds, Interest—		
County Jail and Hall of Justice, Issue of 1904—3½%	5,785.50	
Gold Gate Park and Presidio Extension, Issue of 1904—3½%.....	9,614.50	
Hospital, Issue of 1904—3½%.....	3,062.50	
Library, Issue of 1904—3½%.....	16,665.25	
Mission Park, Issue of 1904—3½%..	8,559.25	
Playgrounds, Issue of 1904—3½%.....	21,691.25	
School, Issue of 1904—3½%.....	20,697.25	
Streets, Issue of 1904—3½%.....	23,730.00	
Geary St. Ry, Issue of 1910—4½%....	47,610.00	
Polytechnic High School, Issue of 1910—4½%	20,497.50	
Water Supply, Issue of 1909—4½%..	17,932.50	
Water Supply Hetch Hetchy, Issue of 1910—4½%	24,727.50	
Fire Protection, Issue of 1908—5%....	210,100.00	
Garbage System, Issue of 1908—5%..	40,950.00	
Hall of Justice, Issue of 1908—5%....	46,500.00	
Hospital, Issue of 1908—5%.....	70,600.00	
School, Issue of 1908—5%.....	179,675.00	
Sewer, Issue of 1908—5%.....	128,825.00	
		897,223.00
Bonds, Public Building—		
County Jail and Hall of Justice, Issue of 1904—3½%.....	2,563.95	
School, Issue of 1904—3½%.....	219,269.40	
Sewer, Issue of 1904—3½%.....	216,094.58	
Streets, Issue of 1904—3½%.....	70,560.87	
Geary St. R. R., Issue of 1910—4½%	386,740.98	
Polytechnic High School, Issue of 1910—4½%	189,815.79	
Water Supply, Issue of 1909—4½%..	249.00	
Water Supply (Hetch Hetchy), Issue of 1910—4½%	749,417.55	
Fire Protection, Issue of 1908—5%....	853,917.82	

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PAYMENTS BY TREASURER—Continued

Garbage System, Issue of 1908—5%	25,284.70	
Hall of Justice, Issue of 1908—5%	350,129.59	
Hospital, Issue of 1908—5%	539,311.57	
School, Issue of 1908—5%	890,515.32	
Sewer, Issue of 1908—5%	1,146,327.45	
		5,640,198.57
Bonds, Redemption—		
County Jail and Hall of Justice, Issue of 1904—3½%	17,400.00	
Golden Gate Park and Presidio Extension, Issue of 1904—3½%	8,200.00	
Hospital, Issue of 1904—3½%	25,000.00	
Library, Issue of 1904—3½%	41,100.00	
Mission Park, Issue of 1904—3½%	7,300.00	
Playgrounds, Issue of 1904—3½%	18,500.00	
Schools, Issue of 1904—3½%	89,800.00	
Sewer, Issue of 1904—3½%	181,200.00	
Streets, Issue of 1904—3½%	40,500.00	
Water Supply, Issue of 1909—4½%	100,000.00	
Garbage System, Issue of 1908—5%	50,000.00	
		579,000.00
Common School Fund—		
Demands Paid		1,688,136.05
General Fund—		
1911-1912, Demands Paid		8,006,293.92
Library Fund—		
Demands Paid		79,478.97
Park Fund—		
Demands Paid		393,934.42
Relief Funds—		
Firemen's Relief Fund, Demands Paid	72,243.14	
Police Relief and Pension Fund Demands Paid	76,837.70	
Teacher's Institute Fund—		
Demands Paid		180.90
Unapportioned Fee Fund—		
Demands Paid		12,184.60
Water Works Fund—		
Demands Paid		4,869.18

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PAYMENTS BY TREASURER—Continued

Rebate Accounts—

Bequests, Demands Paid:		
Robinson Bequest Interest Fund..	2,000.00	
Windel Bequest Interest Fund....	892.12	
Deposit Funds, Demands Paid:		
Duplicate Tax Fund:		
Demands Paid	5,041.54	
House Moving Funds, Demands Paid:		
Board of Works	1,630.00	
Department of Electricity	824.50	
Overpayment Corporation Personal Property Taxes Fund:		
Demands Paid	1,192.67	
Police Court Bail Money Account:		
Demands Paid	545,900.00	
Special Permit Fund:		
Demands Paid	83,716.50	
Special Badge Fund:		
Demands Paid	190.00	
Street Assessments, Demands Paid:		
Beale St. Assessment Fund	42,767.32	
Tearing Up Streets Fund:		
Demands Paid	87,294.97	
		771,449.62

State of California—

Paid in May and December Settlements	934,067.41
Total Payments	19,766,165.49
Balance on hand June 30, 1912	6,725,236.32
	$26,491,401.81

BALANCE

Cash on hand July 1, 1911	7,915,207.17	
Receipts during Fiscal Year 1911-12	18,576,194.64	
	26,491,401.81	
Payments during Fiscal Year 1911-12	19,766,165.49	
Balance June 30, 1912		6,725,236.32

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CASH IN THE TREASURY OF THE CITY AND COUNTY OF SAN FRANCISCO, JUNE 30, 1912.

Bond Funds—		
Interest	669,602.22	
Public Building	3,718,935.32	
Redemption	542,494.15	
		4,931,031.69
Common School Fund		33,564.12
Firemen's Relief Fund		1,419.10
General Fund		678,331.54
Library Fund		33,137.91
Park Fund		38,394.26
Police Relief and Pension Fund		41,702.94
Redemption Advertising Fund		10.10
Teacher's Institute Fund		1,015.10
Unapportioned Fee Fund		24,619.32
Water Works Fund		2,534.75
		5,785,760.83
Rebate Accounts		167,383.94
		5,953,144.77
Assessor's Tax Collections—Not apportioned		760,469.61
State of California		25,586.10
		6,739,200.48
Less A. C. Widber Deficiency		13,964.16
		6,725,236.32

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CONDITION OF TREASURY, JUNE 30, 1912.

Cash on Hand June 30, 1912, at Credit of the following Funds and Accounts.

CITY AND COUNTY FUNDS.

Bond Funds—

Interest Account:

County Jail and Hall of Justice, Bonds of 1904—3½%	3,126.65	
Golden Gate Park Extension to Presidio, Bonds of 1904—3½%	5,639.00	
Hospital, Bonds of 1904—3½%	1,442.86	
Library, Bonds of 1904—3½%	9,155.54	
Mission Park, Bonds of 1904—3½%	4,889.45	
Playgrounds, Bonds of 1904—3½%	12,334.73	
Schools, Bonds of 1904—3½%	11,893.44	
Streets, Bonds of 1904—3½%	12,638.00	
Geary St. Ry, Bonds of 1910—4½%	42,101.56	
Water Supply, Bonds of 1909—4½%	10,027.94	
Water Supply, Hetch Hetchy, Bonds of 1910—4½%	68,592.29	
Polytechnic High School, Bonds of 1910—4½%	14,410.49	
Fire Protection, Bonds of 1908—5%	134,968.17	
Garbage System, Bonds of 1908—5%	27,622.37	
Hall of Justice, Bonds of 1908—5%	27,364.28	
Hospital, Bonds of 1908—5%	47,415.88	
School, Bonds of 1908—5%	132,388.87	
Sewer, Bonds of 1908—5%	103,590.70	
		669,602.22

Bond Funds—Public Building, from Sale of Bonds:

Library, Bonds of 1904—3½%	123,497.88
Schools, Bonds of 1904—3½%	1,984.18
Sewers, Bonds of 1904—3½%	232,195.80
Streets, Bonds of 1904—3½%	26,742.69
Geary St. Ry, Bonds of 1910—4½%	1,333,224.17
Water Supply, Bonds of 1910—4½% (Hetch Hetchy)	348,396.01
Polytechnic High School, Bonds of 1910—4½%	254,838.78
Fire Protection, Bonds of 1908—5%	481,530.80

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CONDITION OF TREASURY—Continued

Garbage System, Bonds of 1908—5%	437,109.35	
Hall of Justice, Bonds of 1908—5%	45,860.08	
Hospital Bonds of 1908—5%	84,413.17	
Schools, Bonds of 1908—5%	68,755.64	
Sewers, Bonds of 1908—5%	280,386.77	
		3,718,935.32

Bond Funds—Redemption Account—

County Jail and Hall of Justice, Bonds of 1904—3½%	18,457.66	
Golden Gate Park Extension, Bonds of 1904—3½%	8,935.24	
Hospital, Bonds of 1904—3½%	25,674.81	
Library, Bonds of 1904—3½%	42,813.47	
Mission Park, Bonds of 1904—3½%	7,773.05	
Playgrounds, Bonds of 1904—3½%	19,326.74	
Schools, Bonds of 1904—3½%	93,353.38	
Sewers, Bonds of 1904—3½%	182,668.83	
Streets, Bonds of 1904—3½%	41,716.40	
Water Supply, Bonds of 1909—4½%	1,762.62	
Garbage System, Bonds of 1908—5%	50,271.00	
Hall of Justice, Bonds of 1908—5%	49,740.95	
		542,494.15
Common School Fund		33,564.12
Firemen's Relief Fund		1,419.10
General Fund, 1911-12		678,331.54
Library Fund		33,137.91
Park Fund		38,394.26
Police Relief and Pension Fund		41,702.94
Redemption Advertising Fund		10.10
Teachers' Institute Fund		1,015.10
Unapportioned Fee Fund, All City and Co.		24,619.32
Water Works Fund		2,534.75

Rebate Accounts—

Duplicate Tax Fund	11,219.20	
House Moving Funds		
Board of Public Works	750.00	
Department of Electricity	1,383.86	
Overpayment Corp., Taxes Fund	92.89	
Police Court Bail Money	19,319.50	
Robinson Bequest Fund	250.00	
Special Badge Fund	979.00	

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CONDITION OF TREASURY—Continued

Special Permit Fund	55,934.75	
Street Assessments:		
Beale St. Assessment Fund	47,629.13	
Stanyan St. Opening Fund	10,989.07	
No. Stanyan St. Widening Fund	6,420.29	
Tearing Up Streets Fund	12,416.25	
		167,383.94
Total City and County Funds, excepting Taxes Collected by Assessor, not apportioned		5,953,144.77

STATE AND CITY AND COUNTY.

Taxes Collected by Assessor, not apportioned	760,469.61

STATE

State of California	25,586.10
	6,739,200.48
Less A. C. Widber Deficiency	13,964.16
	6,725,236.32

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COMPARATIVE TREASURY RECEIPTS, FISCAL YEARS 1910-1911 AND 1911-1912.

	Fiscal Year 1910-11.	Fiscal Year 1911-12.
Taxes	$ 8,503,295.12	$ 9,230,150.30
Sale of Bonds	3,113,375.50	4,053,191.00
Licenses	1,275,452.75	1,237,774.85
State Apportionment—Schools	737,038.13	586,214.78
Fees, City and County Offices	333,751.63	277,893.33
Refund from State of California for principal and interest on bonded indebtedness		124,429.42
Interest on Bank Deposits	115,702.35	79,923.50
Rents	75,400.04	79,537.20
Support of Orphans and Half Orphans proportion paid by State		77,560.66
Franchise Taxes	68,682.09	69,229.65
Forfeiture on Contract—Schrader Bros.		7,381.52
Park Receipts	45,064.75	43,814.63
Accrued Interest on Bond Sales	43,373.97	42,502.69
Building Permits	28,450.70	31,158.40
Court Fines	33,943.00	55,975.50
Fire Boats—One-half maintenance of from State of California		33,285.91
Sales by Mayor	4,234.62	4,100.45
Commissions on Personal Property and Poll Taxes—from State	24,823.98	16,505.25
Ocean Shore R. R. Co. extra sewer work		222.76
Police Relief and Pension Fund	23,232.47	23,060.13
Southern Pacific Co. Deposit Division St. Sewer	13,257.46	4,089.98
Western Pacific Railroad Co. Division St. Sewer		3,439.65
Advertising	9,567.28	9,800.04
Septic Tank in Golden Gate Park paid by Sterling Realty Co.		1,245.00
Street work paid by U. S. Government	5,407.54	
Taking down wires Geary Street Railway		39.05
Library Receipts	3,096.95	3,264.35
Water Rents, Deficit, etc.	6,291.58	4,246.35

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COMPARATIVE TREASURY RECEIPTS—Continued

	Fiscal Year. 1910-11.	Fiscal Year. 1911-12.
Relief Home	650.34	1,740.97
Juvenile Court	3,814.20	7,293.54
Commissioners of Lunacy	350.00	360.00
Teachers' Institute	562.65	590.00
Associated Charities	10.95	
School Receipts	682.72	100.00
Isolation Hospital	150.00	198.50
City and County Hospital	90.20	1,545.79
Coroner	203.27	112.45
Treasurer	89.64	
Miscellaneous Small Items	432.84	2,600.73
Total	$14,470,478.72	$16,114,578.33
Assessor's Collection not apportioned	618,190.45	771,131.89
Rebate Accounts—		
Police Bail	530,920.00	549,775.00
Special Permits	82,931.50	85,103.50
Tearing Up Streets	79,174.17	94,734.15
Overpayment Corporation Personal Property Taxes Fund		1,285.56
Duplicate and Overpaym't Taxes, etc.	10,182.89	6,066.79
House Moving Funds	2,650.00	2,990.00
Bequest Interest, Robinson & Windel	2,892.14	2,892.12
Special Badges	195.00	245.00
Street Assessments	98,375.69	17,409.36
	$15,895,990.56	$17,646,211.70
State of California	2,704,665.28	929,982.94
	$18,600,655.84	$18,576,194.64

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TRANSFER ENTRIES—FISCAL YEAR ENDING JUNE 30, 1912.

Total Transfers—Permanent and Temporary	$ 7,176,342.68	$ 7,176,342.68

PERMANENT.

Sundries to General Fund		304,453.04
Advertising	9,476.20	
Architects' Deposit Fund	10.00	
Gough St. Widening—Ass't Fund	1,958.50	
Police Relief and Pension Fund	25,237.07	
Public Building Bond Funds:		
Hospital Bond Fund, 1904	71.75	
Mission Park Bond, 1904	340.66	
Playgrounds Bond Fund, 1904	54.56	
Water Supply Bond Fund, 1909	16.13	
Unapportioned Fee Fund	267,010.32	
Yerba Buena School Fund	277.85	
General Fund to Sundries	101,917.31	
Park Fund		24,000.00
Police Relief and Pension Fund		77,192.31
Water Works Fund		725.00
Public Building County Jail and Hall of Justice 3½% Bond Fund of 1904	10,597.20	
To Public Building Hall of Justice Bond Fund, 1908		10,597.20
Sewer Bond Interest Fund, 1904	6.41	
To Sewer Bond Redemption Fund 1904		6.41
Unapportioned Fee Fund	1,040.00	
To Police Relief and Pension Fund		1,040.00
	418,013.96	418,013.96

General Fund Transfers from one subdivision to another having no effect on the Consolidated General Fund

General Fund 1910-1911	560,828.72	
To General Fund 1911-1912		560,828.72
	560,828.72	560,828.72

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TEMPORARY TRANSFERS

LOAN TRANSFERS.

Assessor's Account to Sundries	580,500.00	
Common School Fund		175,000.00
Firemens' Relief Fund		16,000.00
General Fund		370,000.00
Park Fund		19,500.00
Public Building Funds—		
Fire Protection 5% Bond Fund 1908 to Sundries	643,500.00	
Common School Fund		137,000.00
Firemen's Relief Fund		8,500.00
General Fund		490,000.00
Park Fund		8,000.00
Garbage 5% Bond Fund 1908 to Sundries	335,000.00	
Common School Fund		296,000.00
Firemen's Relief Fund		4,000.00
Park Fund		35,000.00
Geary Railway 4½% Bond Fund 1910 to Sundries	912,500.00	
Firemen's Relief Fund		7,000.00
General Fund		890,000.00
Park Fund		15,500.00
Hospital 5% Bond Fund 1908	200,000.00	
To General Fund		200,000.00
Library 3½% Bond Fund 1904 to Sundries	37,500.00	
Firemen's Relief Fund		7,000.00
Park Fund		30,500.00
Polytechnic High School 4½% Bond Fund to Sundries	389,750.00	
Firemen's Relief Fund		375,000.00
Park Fund		13,000.00

TRANSFER LOANS RETURNED.

Common School Fund to Sundries	608,000.00	
Assessor's Account		175,000.00
Public Building, 5% Fire Protection Bond Fund 1908		137,000.00
Public Building, 5% Garbage Bond Fund 1908		296,000.00

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TEMPORARY TRANSFERS—Continued

Firemen's Relief Fund to Sundries	44,250.00	
Assessor's Account		16,000.00
Public Building, 5% Fire Protection Bond Fund 1908		8,500.00
Public Building, 5% Garbage Bond Fund 1908		4,000.00
Public Building, Geary Ry, 4½% Bond Fund 1910		7,000.00
Public Building, Library 3½% Bond Fund 1904		7,000.00
Public Building, Polytechnic High School Fund 1910		1,750.00
General Fund, 1911-12	2,325,000.00	
Assessor's Account		370,000.00
Public Building, 5% Fire Protection Bond Fund 1908		490,000.00
Public Building, 5% Hospital Bond Bond Fund 1908		200,000.00
Public Building, 4½% Geary Railway Bond Fund 1910		890,000.00
Public Building, 4½% Polytechnic High School Bond Fund 1910		375,000.00
Park Fund to Sundries	121,500.00	
Assessor's Account		19,500.00
Public Bldg., 5% Fire Pro. Bd. Fund 1908		8,000.00
Public Building, 5% Garbage Bond Fund 1908		35,000.00
Public Building 4½% Geary Ry. 1910		15,500.00
Public Building, 3½% Library Bond Fund, 1910		30,500.00
Public Building, 4½% Polytechnic High School Bond		13,000.00
	$ 6,197,500.00	$ 6,197,500.00

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PROOF

FUNDS	Cash on Hand July 1,1911	Receipts and Transfers 1911-12	Disbm'ts and Transfers 1911-12	Cash on Hand June 30, 1912
Advertising		9,476.20		
Transfers			9,476.20	
Architects Deposit Fund	10.00			
Transfers			10.00	
General Fund	560,828.72	7,921,261.01	8,006,293.92	678,331.54
Transfers		304,453.04	101,917.31	
Gough St. Widening Assessment Fund	1,958.50			
Transfers			1,958.50	
Park Fund	41,697.45	366,631.23	393,934.42	38,394.26
Transfers		24,000.00		
Police Relief and Pension Fund	42,485.27	23,060.13	76,837.70	41,702.94
Transfers		78,232.31	25,237.07	
Public Building Funds:				
Co. Jail and Hall of Justice 3½% Bond Fund, 1904	13,161.15		2,563.95	
Transfers			10,597.20	
Hall of Justice 5% Bond Fund, 1908	240,814.47	144,578.00	350,129.59	45,860.08
Transfers		10,597.20		
Hospital 3½% Bond Fund, 1904	71.75			
Transfers			71.75	
Mission Park 3½% Bond Fund, 1904	340.66			
Transfers			340.66	

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PROOF—Continued

FUNDS	Cash on Hand July 1,1911	Receipts and Transfers 1911-12	Disbm'ts and Transfers 1911-12	Cash on Hand June 30, 1912
Playgrounds 3½% Bond Fund, 1904	54.56			
Transfers			54.56	
Water Supply 4½% Bond Fund, 1909	265.13		249.00	
Transfers			16.13	
Sewer 3½% Bond Interest Fund, 1904	6.41			
Transfers			6.41	
Sewer 3½% Bond Redemption Fund, 1904	188,668.48	175,193.94	181,200.00	182,668.83
Transfers		6.41		
Unapportioned Fee Fund	26,960.91	277,893.33	12,184.60	24,619.32
Transfers			268,050.32	
Water Works Fund	2,432.58	4,246.35	4,869.18	2,534.75
Transfers		725.00		
Yerba Buena School Fund	277.85			
Transfers			277.85	
Total	1,120,033.89	9,340,354.15	9,446,276.32	1,014,111.72

NOTE: Only Funds whose cash on hand is affected by Transfers are included above.

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TREASURER IN CASH ACCOUNT WITH THE AUDITOR FOR MONEYS BELONGING TO STATE OF CALIFORNIA, FISCAL YEAR 1911-1912.

Dr.		Cr.		
To Amount Paid State Treasurer	$932,621.48	By Cash on Hand July 1, 1911		$ 29,670.57
To Treasurer's Mileage	72.00	By Inheritance Taxes		508,829.87
To Assessor's Commissions—6% on Personal Property Taxes	1,278.05	By Maintenance Juveniles at:		
To State's Portion Refund Taxes	95.88	Home Feeble-Minded	$30,675.00	
To Balance on Hand June 30, 1912	25,586.10	Preston School	9,426.84	
		Whittier School	964.69	41,066.53
		By Poll Taxes		90,890.20
		By Pure Food Law Fines		140.00
		By Redemption of Property Sold to State		5,622.69
		By Sales—Sec. 3897 Political Code		1,369.41
		By Taxes Received		282,064.24
	$959,653.51			$959,653.51

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PUBLIC MONEY OF THE CITY AND COUNTY OF SAN FRANCISCO ON DEPOSIT IN BANKS, JUNE 30, 1912.

Subject to Withdrawal on Demand of Treasurer.

Rate of Interest 2% per annum. Bonds of the United States, State of California and City and County of San Francisco held as security.

Amounts included in Treasurer's Cash on Hand.

City or Town	Name of Bank.		
Alameda	Alameda National	$ 11,250	
"	Alameda Savings	20,000	31,250
Angels Camp	Calaveras County		9,650
Auburn	Auburn Savings	12,500	
"	First National	6,250	18,750
Berkeley	First National	62,500	
"	Homestead Savings	8,000	
"	South Berkeley	25,000	95,500
Calistoga	Calistoga National		7,000
Coalinga	First National		4,500
Colfax	Colfax		6,000
Crescent City	Del Norte County		10,000
Dixon	First National		12,500
Ferndale	Ferndale		10,000
Fort Bragg	First National		25,000
Fresno	Central California	9,000	
"	First National	48,000	
"	Union National	24,000	81,000
Gilroy	Gilroy		6,500
Healdsburg	Farmers' and Mechanics'	4,500	
"	Sotoyome	9,400	13,900
Livermore	Farmers' and Merchants'	15,150	
"	First National	14,000	
"	Livermore Savings	11,500	
"	Livermore Valley Savings	6,800	47,450
Lodi	Central Savings		12,300
Marysville	No. California Bank of Savings		25,000
Merced	First National		8,900
Napa	Napa Savings		3,000
Nevada City	Citizens'		4,000
Oakland	Central	34,950	
"	Commerce	19,800	

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PUBLIC MONEY ON DEPOSIT—Continued

Oakland	First Trust & Savings	27,000	81,750
Palo Alto	First National		10,000
Petaluma	Petaluma National	30,000	
"	Petaluma Savings	22,500	
"	Sonoma County National	36,000	88,500
Pittsburg	Contra Costa Co.		10,000
Placerville	A. Mierson Banking Co.		10,000
Pleasanton	First National		5,400
Redding	Bank of Northern California	11,250	
"	Redding Savings	5,000	16,250
Redwood City	Redwood City Commercial		25,000
Sacramento	California National	75,750	
"	Farmers' and Mechanics'	40,000	
"	Nat. Bank of D. O. Mills & Co.	45,000	
"	Sacramento Valley Trust Co.	47,500	
"	People's Savings	11,000	219,250
St. Helena	Savings Bank of St. Helena		12,500
San Francisco	Anglo-California Trust Co.	133,000	
" "	Anglo and London Paris Nat'l	225,000	
" "	California National Association	150,000	
" "	City and County	63,000	
" "	Donohoe-Kelly Banking Co.	50,000	
" "	First National	75,000	
" "	First Federal Trust Co.	56,250	
" "	French-American	46,500	
" "	Italy	230,000	
" "	Italian-American	100,000	
" "	International Banking Corp.	86,000	
" "	Merchants' National	38,000	
" "	Mission	26,250	
" "	Mutual Savings	150,000	
" "	Portuguese-American	68,000	
" "	Marine Trust and Savings	27,000	
" "	Seaboard National	70,000	
" "	Union Trust Co.	85,000	
" "	Wells Fargo Nevada Nat'l	200,000	
" "	Western Metropolis National	402,500	2,281,500
San Luis Obispo	Union National		7,800
San Pedro	First National		9,000
Santa Cruz	City Savings		25,000
Santa Rosa	Santa Rosa National	37,500	

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PUBLIC MONEY ON DEPOSIT—Continued

Santa Rosa	Santa Rosa	55,000	92,500
Salinas	First National	19,000	
"	Salinas City	36,000	55,000
Sausalito	Sausalito		7,000
Sebastopol	First National		13,500
Sonora	First National		5,500
Sterling	Sterling City		12,000
Stockton	Commercial and Savings		48,000
Tomales	Bank and Trust Co.		18,000
Tulare	Tulare		8,000
Turlock	People's State		9,600
Valley Ford	Dairymen's		18,000
Walnut Creek	San Ramon Valley		15,000
Wheatland	Farmers'		18,000
Woodland	Yolo	71,750	
"	Yolo County Savings	15,500	87,250
			$3,641,500

LICENSES ISSUED DURING THE FISCAL YEAR ENDING JUNE 30, 1912.

	No.	Amount.
Agents	99	$ 905.00
Apartments and Lodgings	3,368	10,132.00
Assayers	30	330.00
Auctioneers	171	1,506.00
Ball and Ring Games	32	160.00
Base Ball Games	3	95.00
Bath Houses	259	1,097.00
Billiard and Pool Tables	3,863	15,452.00
Bill Posters	10	1,190.00
Bowling Alleys	152	760.00
Boxing	19	8,550.00
Brokers—including Pawnbrokers	2,306	19,548.00
Candy Box Slot	2	512.80
Carpet Beaters	46	460.00
Circus	32	1,090.00
Concealed Weapons	73	219.00
Concerts	35	175.00
Concert Halls	25	2,275.00

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LICENSES ISSUED DURING YEAR—Continued

Cycleries	4	16.00
Dances	16	190.00
Dance Halls	1	75.00
Detective Agents	48	720.00
Dog Tags	4,927	9,854.00
Dog Tags, Duplicates	411	205.50
Drivers' Badges	257	257.00
Dyeing and Cleaning	60	452.00
Exhibitions	54	185.00
Gas Regulators	8	80.00
Gratuitous	331	
Guides—Chinatown	117	1,170.00
Guides—Badges	20	50.00
Hotels	1,766	7,483.00
House Raising or Moving	20	500.00
Insurance	64	1,260.00
Intelligence Offices	237	3,792.00
Itinerant Vendors	2	100.00
Junk and Second-Hand Dealers	1,063	1,782.00
Kinetescope	271	6,775.00
Laundries	992	6,554.00
Light and Power Companies	12	107.00
Liquor Retail	8,421	1,052,625.00
Liquor—One Day	352	3,520.00
Livery Stables	378	1,512.00
Merry-Go-Rounds	5	50.00
Nickel-in-Slot Mechanical	446	446.00
Nickel-in-Slot Merchandise	87	174.00
Peddlers	1,938	11,628.00
Restaurants	4,118	13,696.00
Riding Academies	5	20.00
Runners and Solicitors	154	1,540.00
Shooting Galleries	61	457.50
Skating Rinks	6	120.00
Slaughter Houses	14	129.00
Theatres	24	4,478.00
Towel Companies	25	154.00
Transfer and Delivery	267	1,335.00
Vehicles—Auto	600	2,494.50
Vehicles—Ordinary	11,436	27,072.00
Vehicles—Street Car	2,142	7,963.55
Warehouses	93	1,250.00
Water Companies	11	1,046.00
	51,789	$1,237,774.85

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STATEMENT OF TAXES FOR FISCAL YEAR 1911-1912.

TAX COLLECTOR IN ACCOUNT WITH AUDITOR.

Dr.			Cr.		
To Real Estate Roll, City and County and State Taxes, 1911		$8,293,051.16	By Cash Paid City and County Treasurer, Taxes and Penalties		$8,827,836.94
To State Corporation Taxes, 1911		35,176.39	By Cash Paid City and County Treasurer, account State Corporation Taxes and Penalties		35,182.13
To Personal Property Roll		565,670.68	By Property Sold to State for Taxes—		
To Personal Property (Unsecured Roll Vol. 14)		.10	Previous Years	$13,020.86	
To Penalties Collected account Non-Operative Taxes	$16,059.32		1911	26,179.47	39,200.33
To Penalties Collected account Corporation Taxes	5.74	16,065.06	By Property withdrawn from Sale—Sec. 3806 P. C. erroneous assessment		1,685.37
			By Delinquent Unsecured Personal Property Taxes City and County and State	5,487.94	
			By Partial Payments	4.04	5,491.98
			By Taxes Cancelled—		
			Auditor—Sec. 3805 Political Code	405.50	
			Assessor—Sec. 3881 Political Code	102.30	
			Supervisors—Res. 8519	58.84	566.64
		$8,909,963.39			$8,909,963.39

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SUMMARY OF PROPERTY TAXES AND PENALTIES COLLECTED BY TAX COLLECTOR AND PAID INTO THE TREASURY DURING FISCAL YEAR 1911-12.

	Taxes.	Penalties.	Total.
1911—On State Corporation, Real Estate and Personal Property	$ 35,176.39	$ 5.74	$ 35,182.13
1911—On City and County and State Real Estate and Personal Property	8,811,777.62	16,059.32	8,827,836.94
1910—On City and County and State Real Estate and Personal Property	267.88	2.44	270.32
1909—On City and County and State Real Estate and Personal Property	25.32	5.03	30.35
1908—On City and County and State Real Estate and Personal Property	27.86	5.57	33.43
1907—On City and County and State Real Estate and Personal Property	58.69	11.73	70.42
1906—On City and County and State Real Estate and Personal Property	47.60	8.27	55.87
1900—On City and County and State Real Estate and Personal Property	17,695.08		17,695.08
	$8,865,076.44	$16,098.10	$8,881,174.54

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APPORTIONMENT OF TAXES FOR FISCAL YEAR 1911-1912.

Dr.		
To Amount of Costs Collected by Tax Collector and Apportioned to General Fund during 1911-1912		1,630.50
To City and County Portion of Property Sold by State, Section 3897		3,403.43
To Redemption of Property Sold to State (City and County Portion)		26,410.92
To Amounts from State—Under Chapter 335 Statutes 1911, for Principal and Interest of Bonded Indebtedness created and outstanding prior to Nov. 8, 1910		124,429.42
To Taxes and Penalties Collected in June, 1911, by Tax Collector and Apportioned in Fiscal Year 1911-1912		39,443.29
To Taxes and Penalties Collected by Tax Collector During Fiscal year 1911-1912	$8,881,174.54	
Less	56,021.28	8,825,153.26
Being the Amount of Taxes and Penalties Collected in June 1912, Paid to Treasurer and Apportioned to Fiscal Year 1912-1913.		

Cr.	
By Bond Funds—	
Interest Accounts:	
County Jail and Hall of Justice, 3½%	5,664.40
Golden Gate Park Extension to Presidio, 3½%	9,268.60
Hospital, 3½%	2,578.01
Library, 3½%	15,451.62
Mission Park, 3½%	8,239.01
Playgrounds, 3½%	21,111.00
School, 3½%	20,049.44
Streets, 3½%	24,160.41
Geary St. Railway, 4½%	34,465.12
Polytechnic High School, 4½%	12,006.38
Water Supply, 4½%	16,021.02
" " Hetch Hetchy, 4½%	27,728.17
Fire Protection, 5%	209,572.31
Garbage System, 5%	46,981.15
Hall of Justice, 5%	46,679.86
Hospital, 5%	78,552.19
School, 5%	180,274.47
Sewer, 5%	149,465.42
Redemption Accounts:	
County Jail and Hall of Justice, 3½%	17,503 60

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To Taxes on Unsecured Personal Property Collected by Assessor	609,744.17
To Taxes on Unsecured Corporation Property Collected by Assessor	6,428.97
	$9,636,643.96

Golden Gate Park Extension to Presidio, 3½%	8,237.21
Hospital, 3½%	24,712.38
Library, 3½%	41,185.21
Mission Park, 3½%	7,207.79
Playgrounds, 3½%	18,533.40
School, 3½%	90,073.12
Sewer, 3½%	175,193.94
Streets, 3½%	40,157.20
Water Supply, 4½%—1909	99,875.19
Garbage System, 5%	49,937.60
Hall of Justice, 5%	49,740.95
By Common School Fund	1,082,531.39
By General Fund, 1911-12	6,266,585.14
By Library Fund	78,358.18
By Park Fund	322,816.60
By Firemen's Relief Fund	73,662.24
By State of California	282,064.24
	$9,636,643.96

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STATEMENT OF POLL TAXES FOR FISCAL YEAR 1911-1912

Sold by Assessor—		
130 Poll Tax Receipts, Account of 1911,		
@ $3.00	$ 390.00	
15% Commission	58.50	
		$ 331.50
995 Poll Tax Receipts, Account of 1911,		
@ $2.00	1,990.00	
15% Commission	298.50	
		1,691.50
52,266 Poll Tax Receipts, Account of 1912,		
@ $2.00	104,532.00	
15% Commission	15,679.80	
		88,852.20
Sold by Tax Collector—		
5 Delinquent Poll Taxes, @ $4.00	20.00	
25% Commission	5.00	
		15.00
Total due State for Account of Poll Taxes		$90,890.20

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REDEMPTION OF PROPERTY SOLD TO THE STATE FOR DELINQUENT TAXES, FISCAL YEAR 1911-12.

Year.	Tax.	Penalty on Delinquent	Costs.	Penalty on Redempt'n.	Interest.	Total.
1880	$ 3.32	$ .18	$ 2.00		$ 7.12	$ 12.62
1881	.36				.74	1.10
1884	.86				1.59	2.45
1892	.90	.12	1.50		1.14	3.66
1893	1.04	.13	1.50		1.25	3.92
1894	.93				1.05	1.98
1895	1.35				1.44	2.79
1897	.34				.31	.65
1898	2.16				1.85	4.01
1899	.97				.76	1.73
1904	.16	.02	.50	.07	.08	.83
1905	266.01	27.91	19.50	88.66	132.02	534.10
1906	498.57	30.78	24.00	155.95	243.54	952.84
1907	595.99	48.11	17.00	138.59	279.08	1,078.77
1908	1,791.86	127.51	56.50	310.28	698.83	2,984.98
1909	4,241.82	295.25	120.00	429.18	1,216.95	6,303.20
1910	16,545.10	1,271.08	476.00	513.29	2,099.86	20,905.33
	$23,951.74	$1,801.09	$718.50	$1,636.02	$4,687.61	$32,794.96

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SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING, FISCAL YEAR ENDING JUNE 30, 1912.

FUNDS AND ACCOUNTS.	Demands Outstanding June 30, 1911	Demands Audited 1911-1912	Total	Demands Paid 1911-1912	Demands Canceled	Demands Outstanding June 30, 1912
Advertising Fund Redemption	.....	323.84	323.84	323.84		
Bond Funds—						
Interest:						
3½% County Jail and Hall of Justice 1904	.....	5,785.50	5,785.50	5,785.50		
3½% Golden Gate Park Extension to Presidio, 1904	.....	9,614.50	9,614.50	9,614.50		
3½% Hospital, 1904	.....	3,062.50	3,062.50	3,062.50		
3½% Library, 1904	.....	16,665.25	16,665.25	16,665.25		
3½% Mission Park, 1904	.....	8,559.25	8,559.25	8,559.25		
3½% Playgrounds, 1904	.....	21,691.25	21,691.25	21,691.25		
3½% School, 1904	.....	20,697.25	20,697.25	20,697.25		
3½% Street, 1904	.....	23,730.00	23,730.00	23,730.00		
4½% Geary St. Railway, 1910	.....	47,610.00	47,610.00	47,610.00		
4½% Hetch Hetchy, 1910	.....	24,727.50	24,727.50	24,727.50		
4½% Polytechnic H. S., 1910	.....	20,497.50	20,497.50	20,497.50		
4½% Water Supply, 1909	.....	17,932.50	17,932.50	17,932.50		
5% Fire Protection, 1908	.....	210,100.00	210,100.00	210,100.00		
5% Garbage System, 1908	.....	40,950.00	40,950.00	40,950.00		
5% Hall of Justice, 1908	.....	46,500.00	46,500.00	46,500.00		
5% Hospital, 1908	.....	70,600.00	70,600.00	70,600.00		

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5% School, 1908	.....	179,675.00	179,675.00	179,675.00		
5% Sewer, 1908	.....	128,825.00	128,825.00	128,825.00		
Public Building:						
3½% County Jail and Hall of Justice, 1904	.....	2,594.60	2,594.60	2,563.95		30.65
3½% School, 1904	2,715.00	239,173.25	241,888.25	219,269.40		22,618.85
3½% Sewer, 1904	7,802.50	218,630.87	226,433.37	216,094.58		10,338.79
3½% Street, 1904	1,265.00	78,807.65	80,072.65	70,560.87		9,511.78
4½% Geary St. Railway, 1910	4,477.85	394,332.58	398,810.43	386,740.98		12,069.45
4½% Polytechnic H. S., 1910	321.95	191,950.39	192,272.34	189,815.79		2,456.55
4½% Water Supply, 1909	86.90	162.10	249.00	249.00		
4½% Water Supply, (Hetch-Hetchy), 1910	2,270.89	748,671.88	750,942.77	749,417.55		1,525.22
5% Fire Protection, 1908	15,877.66	936,984.94	952,862.60	853,917.82	190.00	98,754.78
5% Garbage System, 1908	376.00	39,537.00	39,913.00	25,284.70		14,628.30
5% Hall of Justice, 1908	19,152.51	333,651.58	352,804.09	350,129.59	150.00	2,524.50
5% Hospital, 1908	16,526.80	548,950.31	565,477.11	539,311.57		26,165.54
5% School, 1908	32,737.96	934,083.67	966,821.63	890,515.32	7.20	76,299.11
5% Sewer, 1908	77,561.45	1,125,192.06	1,202,753.51	1,146,327.45		56,426.06
Redemption:						
3½% County Jail and Hall of Justice, 1904	.....	17,400.00	17,400.00	17,400.00		
3½% Golden Gate Park Extension to Presidio, 1904	.....	8,200.00	8,200.00	8,200.00		

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SUMMARY OF DEMANDS AUDITED, PAID AND OUTSTANDING—Continued

FUNDS AND ACCOUNTS.	Demands Outstanding June 30, 1911	Demands Audited 1911-1912	Total	Demands Paid 1911-1912	Demands Canceled	Demands Outstanding June 30, 1912
3½% Hospital, 1904	.....	25,000.00	25,000.00	25,000.00		
3½% Library, 1904	.....	41,100.00	41,100.00	41,100.00		
3½% Mission Park, 1904	.....	7,300.00	7,300.00	7,300.00		
3½% Playgrounds, 1904	.....	18,500.00	18,500.00	18,500.00		
3½% School, 1904	.....	89,800.00	89,800.00	89,800.00		
3½% Sewer, 1904	.....	181,200.00	181,200.00	181,200.00		
3½% Street, 1904	.....	40,500.00	40,500.00	40,500.00		
4½% Water Supply, 1909	.....	100,000.00	100,000.00	100,000.00		
5% Garbage System, 1908	.....	50,000.00	50,000.00	50,000.00		
Common School Fund	59,941.27	1,775,797.71	1,835,738.98	1,688,136.05	2,367.65	145,235.28
General Fund	372,280.50	8,190,430.08	8,562,710.58	8,006,293.92	335.63	556,081.03
Library Fund	4,887.88	78,891.61	83,779.49	79,478.97		4,300.52
Park Fund	36,240.73	392,323.91	428,564.64	393,934.42		34,630.22
Relief Funds—						
Firemen's Relief Fund	5,492.23	71,556.31	77,048.54	72,243.14	60.00	4,745.40
Police Relief and Pension Fund	17,248.20	79,340.70	96,588.90	76,837.70	15.00	19,736.20
Teachers' Institute Fund	5.88	177.52	183.40	180.90		2.50
Unapportioned Fee Fund	1,821.20	12,373.80	14,195.00	12,184.60	463.00	1,547.40
Water Works Fund	60.03	5,015.20	5,075.23	4,869.18		206.05

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Rebate Accounts—						
Bequests:						
Robinson Bequest Interest Fund	.....	2,000.00	2,000.00	2,000.00		
Windel Bequest, Interest Fund..	.....	892.12	892.12	892.12		
Overpayment Corp. Taxes Fund	.....	1,194.52	1,194.52	1,192.67		1.85
Duplicate Tax Fund	517.45	4,675.37	5,192.82	5,041.54		151.28
House Moving Funds:						
Board of Works	430.00	1,200.00	1,630.00	1,630.00		
Department of Electricity	172.50	652.00	824.50	824.50		
Police Court Bail Money Account	3,920.00	546,015.00	549,935.00	545,900.00		4,035.00
Special Badge Fund	5.00	185.00	190.00	190.00		
Special Permit Fund	4,692.50	84,288.00	88,980.50	83,716.50		5,264.00
Street Assessments:						
Beale St. Assessment Fund	.....	42,892.32	42,892.32	42,767.32		125.00
Tearing Up Streets Fund	6,233.26	82,728.07	88,961.33	87,294.97		1,666.36
Total	695,121.10	18,641,898.96	19,337,020.06	18,222,353.91	3,588.48	1,111,077.67
Assessor's Account				609,744.17		
State of California—State Settlement				934,067.41		
Grand Total				19,766,165.49		

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CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES

School 3½%—Issue of 1904—		
Everett	$ 1,747.25	
Mission Grammar	31.50	
		$ 1,778.75
School 5%—Issue of 1908—		
Adams	25.00	
Bryant	1,345.00	
Burnett	217.00	
Clement	3,158.30	
Cleveland	811.50	
Denman	657.00	
Farragut	4,140.00	
Franklin	1,050.00	
Frank McCoppin	424.60	
Garfield	420.00	
Girls' High	172,659.25	
Grattan	1,059.00	
Hancock	959.00	
Holly Park	970.80	
Jean Parker	25,878.25	
John Swett	13,719.00	
Junipero Serra	1,319.00	
Lake View	1,120.85	
Lincoln Grammar	887.00	
Lowell High	86,466.80	
Madison	412.50	
Mission	2,511.25	
McKinley	885.21	
Peabody	7.50	
San Francisco Commercial	1,359.40	
Sheridan	2,584.00	
Spring Valley	1,063.00	
Sutro	3,981.00	
Visitacion	125.00	
West End	165.00	
		$ 330,381.21
Sewers 3½%—Issue of 1904—		
Brannan, Beale, First to East	10,836.93	
Cabrillo, 12th to 13th Avenues	10,781.02	
Fremont, Market to Mission	447.60	

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CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES—Continued

Glen Park Ex.	60.00	
Kentucky and 4th Sts.	575.57	
Mission Co. Line, Mt. Vernon to Winnipeg	1,898.47	
San Bruno Avenue	63.00	
San Jose Avenue, Regent to Liebig	2,877.90	
Silver Ave. Lisbon St.	256.50	
Sunnyside, Section A	1,661.79	
Sunnyside Section B	2,852.91	
23rd Avenue, Peary to Anza	1,264.34	
Wyoming Avenue	1,939.37	
		$ 35,515.40

Sewers 5%—Issue of 1908—

Division St. Sec. A	448.74	
" " " B	13,257.46	
" " " C	5,017.75	
East Potrero	2,610.83	
Fifth, Howard to Market	456.15	
Forty-eight Ave,, Lincoln Way to C St.	140,853.00	
H St., Twentieth to Fortieth Avenue	621.60	
Harbor View	616.04	
Ingleside, Sec. B	2,846.25	
" " C	35,942.08	
Lincoln Way and 48th Avenue	31.15	
Lower Sunset	799.94	
Mission and Silver Avenue	14,164.09	
North Point Main Sec. A	4,194.52	
" " " " B	5,827.82	
" " " " C. J.	4,391.29	
" " " " C. 2	81,303.45	
" " " " D. 2	5,384.67	
" " " " D. 3	2,470.52	
" " " " E	46,011.23	
" " " " F	6,888.89	
" " " " G	42,584.58	
" " " " M	72,701.00	
Ocean Avenue, Lee to Arlington	259.41	
Seventh, Howard to Hubbell	15,272.24	
University Mound & Silver Terrace	1,237.13	
		$ 506,191.83

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CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES—Continued

Streets 3½%—Issue of 1904—

Dolores, Dorland, Twentieth	456.16	
Howard, Second to Third	15,502.92	
Mission, Beale to Second	887.94	
" Ninth to Eleventh	358.71	
" Eleventh to Twelfth	4,523.17	
" Twelfth to Thirteenth	881.10	
" Thirteenth to Fourteenth	3,566.89	
" Fourteenth to Twentieth	980.06	
O'Farrell, Powell to Jones	12,059.72	
" Powell to Jones	5,171.64	
Stockton, Sacramento and Pacific	431.77	
		$ 44,820.08

Fire Protection 5%—Issue of 1908—

Cast Iron Pipe	153,633.09	
Cisterns	476.47	
Hauling and Laying Mains	250,321.71	
Hydrants and Castings	9,201.34	
Intake Tunnels	4,173.79	
Manhole Covers and Frames	528.08	
Pig Lead	357.60	
Pipe Testing Plant	11.00	
Pumping Stations	259,019.16	
Reservoir, Twin Peaks	42,518.65	
Steel Castings and Pump Equipment	95,718.45	
Tanks, Steel	11,332.75	
Turbine Pumps	5,017.00	
Valves, etc	31,068.40	
Wood Ducts and Covers	11,707.86	
		$ 875,085.35

Garbage 5%—Issue of 1908—

Incinerators		312,327.10

Hall of Justice 5%—Issue of 1908—

General Construction		49,785.53

Hospital 5%—Issue of 1908—

General Construction		279,065.53

Geary St. Railway 4½%—Issue of 1910—

Construction		600,386.54

Polytechnic High 4½%—Issue of 1910—

Construction		43,215.00

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CONTRACTS CERTIFIED BY AUDITOR—OUTSTANDING BALANCES—Continued

General Fund—1910-1911—		
Viaduct, Mission Street		83,700.09
General Fund—		
Special Police Levy, 1910-1911:		
Bay View Police Station		3,974.50
General Fund—		
Special Police Levy, 1911-1912:		
Potrero Police Station		220.00
General Fund—		
Special Street, etc., Levy, 1911-1912:		
Hardware County Jail	1,747.00	
Street Work, California and Front Sts.	485.60	
" " Kearny & California Sts.	434.24	
" " Lyon and Union Sts.	3,000.00	
		5,666.84
General Fund, 1911-1912—		
Election Booths	5,595.69	
Pump, Relief Home	50.00	
Septic Tank	1,245.00	
		6,890.69
General Fund—		
Special Fire Levy, 1910-1911:		
Seventh St. Engine House	501.50	
Engine House No. 43	930.00	
		1,431.50
General Fund—		
Special Fire Levy, 1911-1912:		
Engine House No. 28		23,940.00
		$3,204,375.94

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BONDED DEBT OF THE CITY AND COUNTY OF SAN FRANCISCO
JUNE 30, 1912

	Bonds Outstanding June 30, 1912.		Bonds Due June 30, 1912.	Amount in Sinking Fund June 30, 1912.	Amount on Hand from Sale of Bonds June 30, 1912.
Bonds of July 1, 1904. 3½%.					
County Jail—Hall of Justice	$ 156,600		$ 17,400	$ 18,457.66	
Golden Gate Park Extension	270,600		8,200	8,935.24	
Hospital	75,000		25,000	25,674.81	
Library	452,100		41,100	42,813.47	123,497.88
Mission Park	240,900		7,300	7,773.05	
Playground	610,500		18,500	19,326.74	
Schools	676,900		89,800	93,353.38	1,984.18
Sewers	181,200		181,200	182,668.83	232,195.80
Streets	688,500		40,500	41,716.40	26,742.69
		$ 3,352,300			
Bonds of July 1, 1908. 5%.					
Fire Protection	$ 4,520,000				481,530.80
Garbage Disposal	806,000		50,000	50,271.00	437,109.35
Hall of Justice	1,000,000		50,000	49,740.95	45,860.08
Hospital	1,520,000				84,413.17
Schools	4,000,000				68,755.64
Sewers	3,200,000				280,386.77
		15,046,000			—
Miscellaneous Bonds. 4½%.					
Water Supply of Jan. 1, 1909	$ 300,000	Due Jan. 1, 1913,	100,000	1,762.62	
Polytechnic High School, Jan. 1, 1910	456,000				254,838.78
Geary Street Railway of July 1, 1910	1,900,000				1,333,224.17
Water Supply of July 1, 1910	1,125,000				348,396.01
		3,781,000			
Total Bonds Outstanding June 30, 1912	$22,179,300	$22,179,300	$629,000	$542,494.15	$3,718,935.32
Deduct Sinking Fund		$ 542,494.15			
Net Bonded Debt June 30, 1912		$21,636,805.85			

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PREMIUMS ON SALES OF BONDS TO JUNE 30, 1912.

Bonds of 1904	3½%		$ 230.00
Bonds of 1908	5 %		1,316,331.00
Bonds of 1910	4½%	Polytechnic High School	1,758.00
Bonds of 1910	4½%	Geary Street Railway	2,341.50
Total			$1,320,660.50

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POPULAR VOTE AUTHORIZING ISSUE OF BONDS

3½ PER CENT BONDS DATED JULY 1, 1904.

Election September 29, 1903.
Total vote, 27,308; ⅔ of vote necessary to carry, viz.: 18,206.

	Votes in Favor.	Excess of Votes necessary to carry.	Amount voted for.
County Jail and Hall of Justice	19,840	1,634	$ 697,000
Golden Gate Park Extension to Presidio	18,457	251	330,000
Hospital	24,485	6,279	1,000,000
Library	18,775	569	1,647,000
Mission Park	19,421	1,215	293,000
Playgrounds	19,642	1,436	741,000
Schools	23,327	5,121	3,595,000
Sewers	22,159	3,953	7,250,000
Streets	22,180	3,974	1,621,000
			$17,174,000

Also authorized by Ordinances 1114 and 1401 of Board of Supervisors.

5 PER CENT BONDS, OF JULY 1, 1908.

Election May 11, 1908.
Total vote, 23,560; ⅔ of vote necessary to carry, viz: 15,707.

Garbage System	20,653	4,946	$1,000,000
Fire Protection	21,488	5,781	5,200,000
Hall of Justice	21,133	5,426	1,000,000
Hospital	21,263	5,556	2,000,000
Schools	21,397	5,690	5,000,000
Sewers	21,401	5,694	4,000,000
			$18,200,000

Also authorized by Ordinance No. 497 (New Series) Board of Supervisors.

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4½ PER CENT BONDS, JAN. 1, 1909.
Election November 12, 1908.
Total vote, 41,137; ⅔ of vote necessary to carry, viz.: 27,425.

Water Supply	34,572	7,147	600,000

Also authorized by Ordinance No. 643 (New Series) Board of Supervisors.

4½ PER CENT BONDS, JAN. 1, 1910.
Election June 22, 1909.
Total vote, 24,058; ⅔ of vote necessary to carry, viz.: 16,039.

Polytechnic High School	17,979	1,940	600,000

Also authorized by Ordinance No. 905 (New Series) Board of Supervisors.

4½ PER CENT BONDS, OF JULY 1, 1910.
Election December 30, 1909.
Total vote, 43,189; ⅔ of vote necessary to carry, viz: 28,793.

Geary Street Railway—West from Kearny Street	31,151	2,358	1,900,000
" " " Kearny Street to Ferries	30,869	2,076	120,000

Also authorized by Ordinance No. 1062 (New Series) Board of Supervisors.

4½ PER CENT BONDS, OF JULY 1, 1910.
Election Jan 14, 1910.
Total vote, 35,015; ⅔ vote necessary to carry, viz: 23,343.

Water Supply	32,886	9,543	45,000,000

Also authorized by Ordinance No. 1081 (New Series) Board of Supervisors.

5 PER CENT BONDS, OF MAY 1, 1912.
Election November 15, 1910.
Total vote, 45,889; ⅔ of vote necessary to carry, viz: 30,593.

Exposition	42,024	11,431	5,000,000

Also authorized by Ordinance No. 1890 of Board of Supervisors.

5 PER CENT BONDS, OF JULY 1, 1912.
Election March 28, 1912.
Total vote, 49,498; ⅔ of vote necessary to carry, viz: 32,999.

City Hall	45,129	12,130	8,800,000

Also authorized by Ordinance No. 1873 Board of Supervisors.

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3½ PER CENT BONDS OF JULY 1, 1904—WHEN ISSUED.

	Fiscal Year 1904-5.	Fiscal Year 1905-6.	Fiscal Year 1906-7.	Fiscal Year 1908-9.	Fiscal Year 1909-10.	Fiscal Year 1910-11.	Fiscal Year 1911-12.	Total.
County Jail & Hall of Justice..	$ 278,400	.....	.....	.....	.....	.....	.....	$ 278,400
Golden Gate Park Extension....	328,000	.....	.....	.....	.....	.....	.....	328,000
Hospital	250,000	.....	.....	.....	.....	.....	.....	250,000
Library	739,800	.....	.....	.....	.....	.....	.....	739,800
Mission Park	292,000	.....	.....	.....	.....	.....	.....	292,000
Playgrounds	740,000	.....	.....	.....	.....	.....	.....	740,000
Schools	1,077,600	.....	.....	.....	.....	$ 39,000	$188,900	1,305,500
Sewers	724,800	.....	.....	$181,200	$181,200	181,200	181,200	1,449,600
Streets	243,000	324,000	155,000	27,500	44,500	148,000	30,000	972,000
	$4,673,600	$324,000	$155,000	$208,700	$225,700	$368,200	$400,100	$6,355,300

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3½ PER CENT BONDS, OF JULY 1, 1904—WHEN REDEEMED.

	Fiscal Year 1905-6.	Fiscal Year 1906-7.	Fiscal Year 1907-8.	Fiscal Year 1908-9.	Fiscal Year 1909-10.	Fiscal Year 1910-11.	Fiscal Year 1911-12.	Total.
County Jail & Hall of Justice	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 121,800
Golden Gate Park Extension	8,200	8,200	8,200	8,200	8,200	8,200	8,200	57,400
Hospital	25,000	25,000	25,000	25,000	25,000	25,000	25,000	175,000
Library	41,100	41,100	41,100	41,100	41,100	41,100	41,100	287,700
Mission Park	7,300	7,300	7,300	7,300	7,300	7,300	7,300	51,100
Playgrounds	18,500	18,500	18,500	18,500	18,500	18,500	18,500	129,500
School	89,800	89,800	89,800	89,800	89,800	89,800	89,800	628,600
Sewers	181,200	181,200	181,200	181,200	181,200	181,200	181,200	1,268,400
Streets	40,500	38,500	42,500	38,500	41,000	42,000	40,500	283,500
	$429,000	$427,000	$431,000	$427,000	$429,500	$430,500	$429,000	$3,003,000

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5 PER CENT BONDS, OF JULY 1, 1908—WHEN ISSUED.

	Fiscal Year 1908-9.	Fiscal Year 1909-10.	Fiscal Year 1910-11.	Fiscal Year 1911-12.	Total.
Fire Protection	$2,450,000	$1,750,000	.....	$ 320,000	$ 4,520,000
Garbage Disposal	400,000	440,000	$ 8,000	8,000	856,000
Hall of Justice	500,000	160,000	200,000	140,000	1,000,000
Hospital	530,000	590,000	200,000	200,000	1,520,000
Schools	2,000,000	900,000	600,000	500,000	4,000,000
Sewers	800,000	1,800,000	.....	600,000	3,200,000
	$6,680,000	$5,640,000	$1,008,000	$1,768,000	$15,096,000

5 PER CENT BONDS, JULY 1, 1908—WHEN REDEEMED.

Garbage Disposal				$ 50,000	$ 50,000

4½ PER CENT BONDS, OF JAN. 1, 1909.

Water Supply—When Issued	$ 240,000	$ 360,000			600,000
Water Supply—When Redeemed		100,000	100,000	100,000	300,000

MISCELLANEOUS BONDS, 4½%—WHEN ISSUED, NONE REDEEMED.

Polytechnic High School, January 1, 1910			456,000		456,000
Geary Street Railway, July 1, 1910			1,100,000	800,000	1,900,000
Water Supply, July 1, 1910			135,000	990,000	1,125,000

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3½ PER CENT BONDS OF JULY 1, 1904. GENERAL ACCOUNTING.

	Amount Carried at Election.	Not Issued $25, $50, $75 Bonds	Issued.	Canceled 1909-10 by Board of Supervisors	Not Issued or Canceled
County Jail and Hall of Justice	$ 697,000	$ 1,000	$ 278,400	$ 417,600	.....
Golden Gate Park Extension to Presidio	330,000	2,000	328,000	.....	.....
Hospital	1,000,000	.....	250,000	750,000	.....
Library	1,647,000	3,000	739,800	.....	$ 904,200
Mission Park	293,000	1,000	292,000	.....	.....
Playgrounds	741,000	1,000	740,000	.....	.....
Schools	3,595,000	3,000	1,305,500	1,975,600	310,900
Sewers	7,250,000	2,000	1,449,600	5,254,800	543,600
Streets	1,621,000	1,000	972,000	648,000	.....
	$17,174,000	$14,000	$6,355,300	$9,046,000	$1,758,700
Total authorized by Popular Vote	$17,174,000	.....	.....	.....	.....
Canceled, all $25, $50, and $75 Bonds never issued	14,000	.....	.....	.....	.....
	$17,160,000				
Issued	.....	$ 6,355,300	.....	.....	.....
Canceled by order of Board of Supervisors	.....	9,046,000	.....	.....	.....
Not Issued or Canceled	.....	1,758,700	.....	.....	.....
		$17,160,000			

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	$100 Bonds	$500 Bonds	$1000 Bonds	Amount.	
County Jail and Hall of Justice—					
Issued and Redeemed	1 to 63	1 to 35	1 to 98	$ 121,800	
Issued and Outstanding	64 " 144	36 " 80	99 " 224	156,600	
Canceled	145 " 360	81 " 200	225 " 560	417,600	
					$ 696,000
Golden Gate Park Extension—					
Issued and Redeemed	1 " 49	1 " 49	1 " 28	57,400	
Issued and Outstanding	50 " 280	50 " 278	29 " 161	270,600	
					328,000
Hospital—					
Issued and Redeemed	1 " 140	1 " 70	1 " 126	175,000	
Issued and Outstanding	141 " 200	71 " 100	127 " 180	75,000	
Canceled	201 " 500	101 " 400	181 " 750	750,000	
					1,000,000
Library—					
Issued and Redeemed	1 " 147	1 " 98	1 " 224	287,700	
Issued and Outstanding	148 " 378	99 " 252	225 " 576	452,100	
Not issued	379 " 840	253 " 566	577 " 1277	904,200	
					1,644,000
Mission Park—					
Issued and Redeemed	1 " 56	1 " 21	1 " 35	51,100	
Issued and Outstanding	57 " 320	22 " 120	36 " 200	240,900	
					292,000
Playgrounds—					
Issued and Redeemed	1 " 70	1 " 21	1 " 112	129,500	
Issued and Outstanding	71 " 430	22 " 128	113 " 633	610,500	
					740,000
Schools—					
Issued and Redeemed	1 " 301	1 " 259	1 " 469	628,600	
Issued and Outstanding	302 " 605	260 " 518	470 " 986	676,900	
Not issued	606 " 774	519 " 666	987 " 1206	310,900	
Canceled	775 " 1735	667 " 1481	1207 " 2678	1,975,600	
					3,592,000

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Sewers—					
Issued and Redeemed	1 " 644	1 " 476	1 " 966	1,268,400	
Issued and Outstanding	645 " 736	477 " 544	967 " 1104	181,200	
Not issued	737 " 1012	545 " 748	1105 " 1518	543,600	
Canceled	1013 " 3680	749 " 2726	1519 " 5517	5,254,800	
					7,248,000
Streets—					
Issued and Redeemed	1 " 140	1 " 105	1 " 217	283,500	
Issued and Outstanding	141 " 480	106 " 360	218 " 744	688,500	
Not issued (none)	.....	.....	.....	.....	
Canceled	481 " 800	361 " 606	745 " 1237	648,000	
					1,620,000
					$17,160,000

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ANNUAL SINKING FUND 1912-13 TO 1920-21 IF ALL AUTHORIZED BONDS ARE ISSUED.

	Fiscal year 1912-13.	Fiscal year 1913-14.	Fiscal year 1914-15.	Fiscal year 1915-16.	Fiscal year 1916-17.	Fiscal year 1917-18 1918-19 1919-20.	Fiscal year 1920-21.
Bonds of 1904. 3½%.							
County Jail and Hall of Justice	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 17,400	$ 17,400
Golden Gate Park Extension	8,200	8,200	8,200	8,200	8,200	8,200	8,200
Hospital	25,000	25,000	25,000	.....	.....	.....	.....
Library	41,100	41,100	41,100	41,100	41,100	41,100	41,100
Mission Park	7,300	7,300	7,300	7,300	7,300	7,300	7,300
Playgrounds	18,500	18,500	18,500	18,500	18,500	18,500	18,500
Schools	89,800	89,800	89,800	89,800	89,800	89,800	89,800
Sewers	181,200	181,200	181,200	181,200	.....	.....	.....
Streets	40,500	40,500	40,500	40,500	40,500	40,500	40,500
Bonds of 1908. 5%.							
Fire Protection	.....	.....	.....	.....	130,000	130,000	130,000
Garbage Disposal	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Hall of Justice	50,000	50,000	50,000	50,000	50,000	50,000	50,000
Hospital	.....	100,000	100,000	100,000	100,000	100,000	100,000
Schools	.....	.....	200,000	200,000	200,000	200,000	200,000
Sewers	.....	.....	.....	100,000	100,000	100,000	100,000
Bonds—Miscellaneous. 4½%.							
Water Supply 1909	100,000	100,000	100,000	.....	.....	.....	.....
Polytechnic High School 1910	.....	25,000	25,000	25,000	25,000	25,000	25,000
Geary Street Railway 1910	.....	.....	.....	101,000	101,000	101,000	101,000
Water Supply 1910	.....	.....	.....	.....	.....	.....	1,000,000
Miscellaneous. 5%.							
Exposition 1912	.....	.....	200,000	200,000	200,000	200,000	200,000
City Hall 1912	.....	.....	.....	.....	.....	200,000	200,000
	$629,000	$754,000	$1,154,000	$1,230,000	$1,178,800	$1,378,800	$2,378,800

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BONDS SOLD DURING THE FISCAL YEAR 1911-12.

		Premium.	Accrued Interest.
1904—School	$ 188,900	.....	$ 1,241.52
Sewer	181,200	.....	.....
Street	30,000	.....	212.14
1908—Fire Protection	320,000	19,344.64	2,177.79
Garbage Disposal	8,000	.....	194.45
Hospital	200,000	7,049.00	2,194.44
Hall of Justice	140,000	4,578.00	1,536.11
Schools	500,000	25,788.00	4,444.45
Sewers	600,000	36,257.36	4,083.36
1910—Geary Street Railway	800,000	2,074.00	8,888.90
Water Supply	990,000	.....	17,529.53
	$3,958,100	$95,091.00	$42,502.69

BONDS REDEEMED DURING FISCAL YEAR 1911 12.

	$100 Bonds.	$500 Bonds.	$1000 Bonds.	Amount.
1904—County Jail and Hall of Justice	55 to 63	31 to 35	85 to 98	$ 17,400
Golden Gate Park Extension	43 " 49	43 " 49	25 " 28	8,200
Hospital	121 " 140	61 " 70	109 " 126	25,000
Library	127 " 147	85 " 98	193 " 224	41,100
Mission Park	49 " 56	19 " 21	21 " 25	7,300
Playgrounds	61 " 70	19 " 21	97 " 112	18,500
Schools	259 " 301	223 " 259	403 " 469	89,800
Sewers	553 " 644	409 " 476	829 " 966	181,200
Streets	121 " 140	91 " 105	187 " 217	40,500
1908—Garbage Disposal	.....	.....	1 " 50	50,000
	.....	.....	201 " 300	100,000
1909—Water Supply				$579,000

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BOND ACCOUNT—GENERAL STATEMENT FISCAL YEAR 1911-12.

	Bonds Outstanding June 30, 1911.	Bonds Issued 1911-12.	Bonds Redeemed 1911-12.	Outstanding Bonds June 30, 1912.
Bonds—Issue of July 1, 1904. 3½%.				
County Jail and Hall of Justice	$ 174,000	.....	$ 17,400	$ 156,600
Golden Gate Park Extension to Presidio	278,800	.....	8,200	270,600
Hospital	100,000	.....	25,000	75,000
Library	493,200	.....	41,100	452,100
Mission Park	248,200	.....	7,300	240,900
Playgrounds	629,000	.....	18,500	610,500
Schools	577,800	188,900	89,800	676,900
Sewers	181,200	181,200	181,200	181,200
Streets	699,000	30,000	40,500	688,500
Bonds —Issue of July 1, 1908. 5%.				
Fire Protection	4,200,000	320,000	.....	4,520,000
Garbage Disposal	848,000	8,000	50,000	806,000
Hospital	1,320,000	200,000	.....	1,520,000
Hall of Justice	860,000	140,000	.....	1,000,000
Schools	3,500,000	500,000	.....	4,000,000
Sewers	2,600,000	600,000	.....	3,200,000
Miscellaneous Bonds. 4½%.				
Water Supply—Issue of January 1, 1909	400,000	.....	100,000	300,000
Polytechnic High School—Issue of January 1, 1910	456,000	.....	.....	456,000
Geary Street Railway—Issue of July 1, 1910	1,100,000	800,000	.....	1,900,000
Water Supply—Issue of July 1, 1910	135,000	990,000	.....	1,125,000
	$18,800,200	$3,958,100	$579,000	$22,179,300

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	Authorized.	Canceled.	Sold.	Unsold.
Bonds—Issue of July 1, 1904. 3½%.				
County Jail and Hall of Justice	$ 697,000	$ 418,600	$ 278,400	.....
Golden Gate Park Extension to Presidio	330,000	2,000	328,000	.....
Hospital	1,000,000	750,000	250,000	.....
Library	1,647,000	3,000	739,800	904,200
Mission Park	293,000	1,000	292,000	.....
Playgrounds	741,000	1,000	740,000	.....
Schools	3,595,000	1,978,600	1,305,500	310,900
Sewers	7,250,000	5,256,800	1,449,600	543,600
Streets	1,621,000	649,000	972,000	.....
Bonds—Issue of July 1, 1908. 5%.				
Fire Protection	5,200,000	.....	4,520,000	680,000
Garbage Disposal	1,000,000	.....	856,000	144,000
Hall of Justice	1,000,000	.....	1,000,000	.....
Hospital	2,000,000	.....	1,520,000	480,000
Schools	5,000,000	.....	4,000,000	1,000,000
Sewers	4,000,000	.....	3,200,000	800,000
Miscellaneous Bonds. 4½%.				
Water Supply of January 1, 1909	600,000	.....	600,000	.....
Polytechnic High School of January 1, 1910	600,000	.....	456,000	144,000
Geary Street Railway of July 1, 1910	2,020,000	.....	1,900,000	120,000
Water Supply of July 1, 1910	45,000,000	.....	1,125,000	43,875,000
Miscellaneous Bonds. 5%.				
City Hall of July 1, 1912	8,800,000	.....	.....	8,800,000
Exposition of May 1, 1912	5,000,000	.....	.....	5,000,000
	$97,394,000	$ 9,060,000	$25,532,300	$62,801,700
Redeemed to June 30, 1912	.....	.....	3,353,000	.....
Bonds Outstanding June 30, 1912			$22,179,300	
Authorized	97,394,000	.....	.....	.....
Canceled	9,060,000	88,334,000	.....	.....
Sold	$25,532,300			
Unsold	62,801,700	$88,334,000	.....	.....
Outstanding June 30, 1912	.....	.....	$22,179,300	.....

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BONDS OF JULY 1, 1904—WHEN DUE.

When Due.	County Jail and Hall of Justice.	Golden Gate Park Extension.	Hospital.	Library.	Mission Park.	Playgrounds.	Schools.	Streets.	Sewers.
June 30, 1912	$17,400	$8,200	$25,000	$41,100	$7,300	$18,500	$89,800	$40,500	$181,200
" " 1913	17,400	8,200	25,000	41,100	7,300	18,500	89,800	40,500	.....
" " 1914	17,400	8,200	25,000	41,100	7,300	18,500	89,800	40,500	.....
" " 1915	17,400	8,200	Canceled	41,100	7,300	18,500	89,800	40,500	.....
" " 1916	17,400	8,200	Canceled	41,100	7,300	18,500	89,800	40,500	Canceled
" " 1917	17,400	8,200	Canceled	41,100	7,300	18,500	89,800	40,500	Canceled
" " 1918	17,400	8,200	Canceled	41,100	7,300	18,500	89,800	40,500	Canceled
" " 1919	17,400	8,200	Canceled	41,100	7,300	18,500	48,300	40,500	Canceled
" " 1920	17,400	8,200	Canceled	41,100	7,300	18,500	.....	40,500	Canceled
" " 1921	Canceled	8,200	Canceled	41,100	7,300	18,500	.....	40,500	Canceled
" " 1922	Canceled	8,200	Canceled	41,100	7,300	18,500	.....	40,500	Canceled
" " 1923	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	40,500	Canceled
" " 1924	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	40,500	Canceled
" " 1925	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	40,500	Canceled
" " 1926	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	40,500	Canceled
" " 1927	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	40,500	Canceled
" " 1928	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	40,500	Canceled
" " 1929	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1930	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1931	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1932	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1933	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1934	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1935	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceeld	Canceled
" " 1936	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1937	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1938	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1939	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled

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" " 1940	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1941	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1942	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1943	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
" " 1944	Canceled	8,200	Canceled	.....	7,300	18,500	Canceled	Canceled	Canceled
	$156,600	$270,600	$75,000	$452,100	$240,900	$610,500	$676,900	$688,500	$181,200

Each blank space above indicates the amount (annual) not issued being the same as appears at top of column when blanks occur. The school column shows a part of annual amount, being all that has been issued of that series.

WATER SUPPLY BONDS OF JANUARY 1, 1909—WHEN DUE.

January 1, 1913	$100,000
" " 1914	100,000
" " 1915	100,000
	$300,000

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NUMBERS OF BONDS AND WHEN DUE—ISSUE OF JULY 1, 1908—ALL BONDS $1000 EACH.

Due.	Fire Protection	Garbage Disposal	Hall of Justice	Hospital	Schools	Sewers
July 1, 1912.....		50— 51 to 100	50— 1 to 50			
" " 1913.....		42— 101 " 142	50— 51 " 100	76— 1 to 76		
" " 1914.....		42— 151 " 192	50— 101 " 150	76— 101 " 176	160— 1 to 160	
" " 1915.....		42— 201 " 242	50— 151 " 200	76— 201 " 276	160— 201 " 360	80— 1 to 80
" " 1916.....	113— 1 to 113	42— 251 " 292	50— 201 " 250	76— 301 " 376	160— 401 " 560	80— 101 " 180
" " 1917.....	113— 131 " 243	42— 301 " 342	50— 251 " 300	76— 401 " 476	160— 601 " 760	80— 201 " 280
" " 1918.....	113— 261 " 373	42— 351 " 392	50— 301 " 350	76— 501 " 576	160— 801 " 960	80— 301 " 380
" " 1919.....	113— 391 " 503	42— 401 " 442	50— 351 " 400	76— 601 " 676	160—1001 " 1160	80— 401 " 480
" " 1920.....	113— 521 " 633	42— 451 " 492	50— 401 " 450	76— 701 " 776	160—1201 " 1360	80— 501 " 580
" " 1921.....	113— 651 " 763	42— 501 " 542	50— 451 " 500	76— 801 " 876	160—1401 " 1560	80— 601 " 680
" " 1922.....	113— 781 " 893	42— 551 " 592	50— 501 " 550	76— 901 " 976	160—1601 " 1760	80— 701 " 780
" " 1923.....	113— 911 " 1023	42— 601 " 642	50— 551 " 600	76—1001 " 1076	160—1801 " 1960	80— 801 " 880
" " 1924.....	113—1041 " 1153	42— 651 " 692	50— 601 " 650	76—1101 " 1176	160—2001 " 2160	80— 901 " 980
" " 1925.....	113—1171 " 1283	42— 701 " 742	50— 651 " 700	76—1201 " 1276	160—2201 " 2360	80—1001 " 1080
" " 1926.....	113—1301 " 1413	42— 751 " 792	50— 701 " 750	76—1301 " 1376	160—2401 " 2560	80—1101 " 1180
" " 1927.....	113—1431 " 1543	42— 801 " 842	50— 751 " 800	76—1401 " 1476	160—2601 " 2760	80—1201 " 1280
" " 1928.....	113—1561 " 1673	42— 851 " 892	50— 801 " 850	76—1501 " 1576	160—2801 " 2960	80—1301 " 1380
" " 1929.....	113—1691 " 1803	42— 901 " 942	50— 851 " 900	76—1601 " 1676	160—3001 " 3160	80—1401 " 1480
" " 1930.....	113—1821 " 1933	42— 951 " 992	50— 901 " 950	76—1701 " 1776	160—3201 " 3360	80—1501 " 1580
" " 1931.....	113—1951 " 2063		50— 951 " 1000	76—1801 " 1876	160—3401 " 3560	80—1601 " 1680
" " 1932.....	113—2081 " 2193			76—1901 " 1976	160—3601 " 3760	80—1701 " 1780
" " 1933.....	113—2211 " 2323				160—3801 " 3960	80—1801 " 1880
" " 1934.....	113—2341 " 2453				160—4001 " 4160	80—1901 " 1980
" " 1935.....	113—2471 " 2583				160—4201 " 4360	80—2001 " 2080
" " 1936.....	113—2601 " 2713				160—4401 " 4560	80—2101 " 2180
" " 1937.....	113—2731 " 2843				160—4601 " 4760	80—2201 " 2280
" " 1938.....	113—2861 " 2973				160—4801 " 4960	80—2301 " 2380
" " 1939.....	113—2991 " 3103					80—2401 " 2480
" " 1940.....	113—3121 " 3233					80—2501 " 2580
" " 1941.....	113—3251 " 3363					80—2601 " 2680

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" " 1942	113—3381 " 3493					80—2701 " 2780
" " 1943	113—3511 " 3623					80—2801 " 2880
" " 1944	113—3641 " 3753					80—2901 " 2980
" " 1945	113—3771 " 3883					80—3001 " 3080
" " 1946	113—3901 " 4013					80—3101 " 3180
" " 1947	113—4031 " 4143					80—3201 " 3280
" " 1948	113—4161 " 4273					80—3301 " 3380
" " 1949	113—4291 " 4403					80—3401 " 3480
" " 1950	113—4421 " 4533					80—3501 " 3580
" " 1951	113—4551 " 4663					80—3601 " 3680
" " 1952	113—4681 " 4793					80—3701 " 3780
" " 1953	113—4811 " 4923					80—3801 " 3880
" " 1954	113—4941 " 5053					80—3901 " 3980
" " 1955	113—5071 " 5183					
	4,520	806	1,000	1,520	4,000	3,200
	Redeemed	50				
		856				

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RECAPITULATION.

Sales of Bonds, Issue of July 1, 1908 for 4 Years Ending June 30, 1912.

				Premium.
Fire Protection	4,520	Bonds	$ 4,520,000	$ 498,212.54
Garbage Disposal	856	"	856,000	65,104.00
Hall of Justice	1,000	"	1,000,000	72,468.60
Hospital	1,520	"	1,520,000	94,533.60
Schools	4,000	"	4,000,000	287,051.40
Sewers	3,200	"	3,200,000	298,960.86
	15,096	"	$15,096,000	$1,316,331.00

Average Premium nearly 8.72%.

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NUMBER OF BONDS AND WHEN DUE. MISCELLANEOUS. ALL BONDS $1000 EACH.

Polytechnic High School

When Due.			
January 1, 1914	19	1 to	19
" " 1915	19	26 "	44
" " 1916	19	51 "	69
" " 1917	19	76 "	94
" " 1918	19	101 "	119
" " 1919	19	126 "	144
" " 1920	19	151 "	169
" " 1921	19	176 "	194
" " 1922	19	201 "	219
" " 1923	19	226 "	244
" " 1924	19	251 "	269
" " 1925	19	276 "	294
" " 1926	19	301 "	319
" " 1927	19	326 "	344
" " 1928	19	351 "	369
" " 1929	19	376 "	394
" " 1930	19	401 "	419
" " 1931	19	426 "	444
" " 1932	19	451 "	469
" " 1933	19	476 "	494
" " 1934	19	501 "	519
" " 1935	19	526 "	544
" " 1936	19	551 "	569
" " 1937	19	576 "	594
	456 @ $1,000, $456,000		

Geary Street Railway

When Due.			
July 1, 1915	95	1 to	95
" " 1916	95	96 "	190
" " 1917	95	191 "	285
" " 1918	95	286 "	380
" " 1919	95	381 "	475
" " 1920	95	476 "	570
" " 1921	95	571 "	665
" " 1922	95	666 "	760
" " 1923	95	761 "	855
" " 1924	95	856 "	950
" " 1925	95	951 "	1045
" " 1926	95	1046 "	1140
" " 1927	95	1141 "	1235
" " 1928	95	1236 "	1330
" " 1929	95	1331 "	1425
" " 1930	95	1426 "	1520
" " 1931	95	1521 "	1615
" " 1932	95	1616 "	1710
" " 1933	95	1711 "	1805
" " 1934	95	1806 "	1900
	1900 @ $1,000, $1,900,000		

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WATER SUPPLY, 1910.

When Due.			
July 1,	1920	25	1 to 25
" "	1921	25	1,001 " 1,025
" "	1922	25	2,001 " 2,025
" "	1923	25	3,001 " 3,025
" "	1924	25	4,001 " 4,025
" "	1925	25	5,001 " 5,025
" "	1926	25	6,001 " 6,025
" "	1927	25	7,001 " 7,025
" "	1928	25	8,001 " 8,025
" "	1929	25	9,001 " 9,025
" "	1930	25	10,001 " 10,025
" "	1931	25	11,001 " 11,025
" "	1932	25	12,001 " 12,025
" "	1933	25	13,001 " 13,025
" "	1934	25	14,001 " 14,025
" "	1935	25	15,001 " 15,025
" "	1936	25	16,001 " 16,025
" "	1937	25	17,001 " 17,025
" "	1938	25	18,001 " 18,025
" "	1939	25	19,001 " 19,025
" "	1940	25	20,001 " 20,025
" "	1941	25	21,001 " 21,025
" "	1942	25	22,001 " 22,025
" "	1943	25	23,001 " 23,025
" "	1944	25	24,001 " 24,025
" "	1945	25	25,001 " 25,025
" "	1946	25	26,001 " 26,025
" "	1947	25	27,001 " 27,025
" "	1948	25	28,001 " 28,025
" "	1949	25	29,001 " 29,025
" "	1950	25	30,001 " 30,025

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" "	1951	25	31,001 "	31,025
" "	1952	25	32,001 "	32,025
" "	1953	25	33,001 "	33,025
" "	1954	25	34,001 "	34,025
" "	1955	25	35,001 "	35,025
" "	1956	25	36,001 "	36,025
" "	1957	25	37,001 "	37,025
" "	1958	25	38,001 "	38,025
" "	1959	25	39,001 "	39,025
" "	1960	25	40,001 "	40,025
" "	1961	25	41,001 "	41,025
" "	1962	25	42,001 "	42,025
" "	1963	25	43,001 "	43,025
" "	1964	25	44,001 "	44,025
		1125 @ $1,000,		$1,125,000

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COUPON ACCOUNT—FISCAL YEAR ENDING JUNE 30, 1912.

County Jail and Hall of Justice—			
3½ per cent, Bonds of 1904.			
Coupons due fiscal year 1911-1912—			
$174,000 6 months	$ 3,045.00	.....	.....
156,600 6 "	2,740.50	$ 5,785.50	.....
Coupons paid fiscal year 1911-1912	.....	5,785.50	.....
Golden Gate Park Extension to Presidio—			
3½ per cent, Bonds of 1904.			
Coupons due fiscal year 1911-1912—			
$278,800 6 months	4,879.00	.....	.....
270,600 6 "	4,735.50	9,614.50	.....
Coupons paid fiscal year 1911-1912		9,614.50	.....
Hospital—			
3½ per cent, Bonds of 1904.			
Coupons due and unpaid June 30, 1911, 3½ per cent	87.50	.....	.....
Coupons due fiscal year 1911-1912—			
$100,000 6 months	1,750.00	.....	.....
75,000 6 "	1,312.50	3,150.00	.....
Coupons paid fiscal year 1911-1912		3,062.50	.....
Coupons due and unpaid June 30, 1912	.....	.....	87.50
$500 Bonds, Coupon No. 4, Bonds 11 to 20, 10 Coupons @ $8.75	87.50	.....	.....

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Library—			
3½ per cent, Bonds of 1904.			
Coupons due and unpaid June 30, 1911	122.50	.....	.....
Coupons due fiscal year 1911-1912—			
$493,200 6 months	8,631.00	.....	.....
452,100 6 "	7,911.75	16,665.25	.....
Coupons paid fiscal year 1911-1912		16,665.25	.....
Mission Park—			
3½ per cent, Bonds of 1904.			
Coupons due fiscal year 1911-1912—			
$248,200 6 months	4,343.50	.....	.....
240,900 6 "	4,215.75	8,559.25	.....
Coupons paid fiscal year 1911-1912		8,559.25	.....
Playgrounds—			
3½ per cent, Bonds of 1904.			
Coupons due fiscal year 1911-1912—			
$629,000 6 months	11,007.50	.....	.....
610,500 6 "	10,683.75	21,691.25	.....
Coupons paid fiscal year 1911-1912		21,691.25	.....
Schools—			
3½ per cent, Bonds of 1904.			
Coupons due fiscal year 1911-1912—			
$577,800 6 months	10,111.50	.....	.....
609,900 6 "	10,673.25	20,784.75	.....
Coupons paid fiscal year 1911-1912		20,697.25	.....

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COUPON ACCOUNT—FISCAL YEAR ENDING JUNE 30, 1912 (Continued).

Schools—Continued			
Coupons due and unpaid June 30, 1912	.....	.....	87.50
$1000 Bonds, No. 15, of Bonds 931 to 935, 5 Coupons @ $17.50	87.50	.....	.....
			$ 175.00
Sewers—			
No interest paid—All Coupons of redeemed bonds on file.			
Streets—			
3½ per cent, Bonds of 1904.			
Coupons due and unpaid June 30, 1911	119.00	.....	.....
Coupons due fiscal year 1911-1912—			
$699,000 6 months	12,232.50	.....	.....
658,500 6 "	11,523.75	23,875.25	.....
Coupons paid fiscal year 1911-1912	.....	23,730.00	.....
Coupons due and unpaid June 30, 1912	.....	.....	145.25
($100) Bonds, No. 13 to 15 of Bonds 364 to 366, No. 15 of Bonds No. 387 to 390. 13 Coupons @ $1.75	22.75	.....	.....
$1000 Bonds, No. 15 of Bonds 508 to 512, 557, 558, 7 Coupons @ $17.50	122.50	.....	.....
	145.25	.....	.....
Fire Protection Bonds of 1908, 5 Per Cent—			
Coupons due fiscal year 1911-1912; $4,200,000, 1 year	210,000.00	.....	.....
Coupons due and unpaid June 30, 1911	100.00	210,100.00	.....
Coupons paid fiscal year 1911-1912	.....	210,100.00	.....

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COUPON ACCOUNT—FISCAL YEAR ENDING JUNE 30, 1912 (Continued).

Garbage Disposal—			
5 per cent Bonds of 1908.			
Coupons due fiscal year 1911-1912—			
$840,000 6 months	21,000.00	.....	.....
798,000 6 "	19,950.00	40,950.00	.....
Coupons paid fiscal year 1911-12	.....	40,950.00	.....
Hospital—			
5 per cent Bonds of 1908.			
Coupons due fiscal year 1911-1912—			
$1,320,000 6 months	33,000.00	.....	.....
1,520,000 6 "	38,000.00	71,000.00	.....
Coupons paid fiscal year 1911-1912	.....	70,600.00	.....
Coupons due and unpaid June 30, 1912	.....	.....	400.00
Coupon No. 7 of Bonds 35 to 49, 246, 16 Coupons @ $25	400.00	.....	.....
School—			
5 per cent Bonds of 1908—			
Coupons due and unpaid June 30, 1911	225.00	.....	.....
Coupons due fiscal year 1911-1912—			
$3,500,000 6 months	87,500.00	.....	.....
3,750,000 6 "	93,750.00	181,475.00	.....
Coupons paid fiscal year 1911-1912	.....	179,675.00	.....
Coupons due and unpaid June 30, 1912	.....	.....	1,800.00

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COUPON ACCOUNT—FISCAL YEAR ENDING JUNE 30, 1912 (Continued).

School—Continued

Coupons No. 7 of Bonds 286 to 294, 487 to 496, 2303, 2453 to 2457.			
Coupons No. 5 to 7 of Bonds 2421 to 2429.			
Coupons Nos. 6, 7 of Bonds 3685 to 3689 and 3712 to 3716.			
72 Coupons @ $25 each	1,800.00	.....	.....

Sewer—

5 per cent Bonds of 1908.			
Coupons due and unpaid June 30, 1911	125.00	.....	.....
Coupons due fiscal year 1911-1912, $2,600,000 1 year	130,000.00	130,125.00	.....
Coupons paid fiscal year 1911-1912	.....	128,825.00	.....
Coupons due and unpaid June 30, 1912	.....	.....	1,300.00
Coupons Nos. 6, 7 of Bonds 2046 to 2065.			
Coupons Nos. 5, 6, 7 of Bonds 3016 to 3019, 52 Coupons @ $25.00	1,300.00	.....	.....

Water Supply—

4½ per cent Bonds of 1909.			
Coupons due and unpaid June 30, 1911	382.50	.....	.....
Coupons due fiscal year 1911-1912, $400,000 1 year	18,000.00	18,382.50	.....
Coupons paid fiscal year 1911-1912	.....	17,932.50	.....
Coupons due and unpaid June 30, 1912	.....	.....	450.00
No. 5, 6. of Bonds 378 to 387, 20 Coupons @ $22.50	450.00	.....	.....

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COUPON ACCOUNT—FISCAL YEAR ENDING JUNE 30, 1912 (Continued).

Polytechnic High School—			
4½ per cent Bonds of 1910.			
Coupons due and unpaid June 30, 1911. None.			
Coupons due fiscal year 1911-1912, $456,000 1 year	.....	20,520.00	.....
Coupons paid fiscal year 1911-1912	.....	20,497.50	.....
Coupons due and unpaid June 30, 1912	.....	.....	22.50
Coupon No. 4 of Bond 144	.....	22.50	.....
Geary Street Railway—			
Bonds of 1910, 4½ per cent.			
Coupons due and unpaid June 30, 1911	90.00	.....	.....
Coupons due fiscal year 1911-1912—			
$1,088,000 6 months	24,480.00	.....	.....
1,110,000 6 "	24,975.00	49,545.00	.....
Coupons paid fiscal year 1911-1912	.....	47,610.00	.....
Coupons due and unpaid June 30, 1912	.....	.....	1,935.00
No. 2 and 3 of Bonds 291 to 298, 395, 410, 411, 870, 1546 to 1550, 1661 to 1670, 1816 to 1818.			
No. 3 of Bonds 216 to 235, 1167 to 1172.			
86 Coupons @ $22.50	1,935.00	.....	.....
Water Supply—			
Bonds of 1910, 4½ per cent.			
Coupons due fiscal year 1911-1912—			
$122,000 6 months	2,745.00	.....	.....
977,000 6 "	21,982.50	24,727.50	.....
Coupons paid fiscal year 1911-1912	.....	24,727.50	.....
Total Coupons due and unpaid June 30, 1912	.....	.....	$ 6,227.75

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STATEMENT OF ASSESSED VALUE OF PROPERTY, RATE OF TAXATION AND AMOUNT OF TAX LEVIED FROM 1850 to 1912-13 INCLUSIVE.

Fiscal Year	ASSESSED VALUE			RATE PER $100 VALUATION			Total Tax Levied
	Valuation of Real Estate & Improvements	Valuation of Personal Property	Total Valuation	Rate for City and County Purposes	Rate for State Purposes	Total Rate on Each $100 Valuation	
a1850	$16,849,054.00	$ 4,772,160.00	$21,621,214.00	$1.500	$ .50	$2.000	$ 432,424.00
1851	11,141,463.00	2,875,440.00	14,016,903.00	3.600	.50	4.100	574,693.00
1852	15,676,356.00	2,805,381.00	18,481,737.00	4.115	.30	4.415	815,969.00
1853	24,048,150.00	4,852,000.00	28,900,150.00	3.285	.60	3.885	1,122,771.00
1854	28,925,220.00	5,837,607.00	34,762,827.00	3.255	.60	3.855	1,340,107.00
a1855	27,002,725.00	5,073,847.00	32,076,572.00	3.15 5-6	.70	3.85 5-6	1,237,621.00
1856	26,173,284.00	4,194,970.00	30,368,254.00	1.600	.70	2.300	698,470.00
1857	22,970,841.00	12,426,335.00	35,397,176.00	1.700	.60	2.300	814,135.00
1858	19,501,150.00	11,224,800.00	30,725,950.00	1.850	.60	2.450	752,786.00
1859	20,696,220.00	9,323,002.00	30,019,222.00	2.569	.60	3.169	951,309.00
1860	25,125,825.00	10,683,814.00	35,809,639.00	2.250	.60	2.850	1,020,565.00
1861-62	41,870,811.00	Real & Personal	41,870,811.00	2.25	.62	2.87	1,201,692.27
1862-63	37,016,101.87	29,540,553.93	66,566,655.00	1.975	.77	2.74½	1,826,980.19
1863-64	43,153,212.50	35,566,125.21	78,709,337.71	1.20	.90	2.10	1,652,896.09
1864-65	47,345,973.66	35,851,652.03	83,197,725.79	1.73	1.25	2.98	2,479,289.24
1865-66	49,169,047.00	29,775,496.34	88,934,543.34	1.97	1.15	3.12	2,774,552.75
1866-67	53,131,183.00	43,214,976.43	96,740,159.43	1.97	1.13	3.10	2,999,130.94
1867-68	58,207,861.85	51,152,963.88	109,360,825.73	1.87	1.13	3.00	3,280,824.77
1868-69	63,631,721.22	42,782,307,60	106,414,028.82	2.05	1.00	3.05	3,245,617.87
1869-70	69,776,603.00	44,982,907.67	114,759,510.63	2.11	.97	3.08	3,534,592.91
1870-71	75,145,717.00	31,246,159.00	106,391,876.00	1.98	.865	2.84½	3,026,848.89
1871-72	76,124,551.00	28,900,988.00	105,025,534.00	2.105	.865	2.97	3,110,258.51
1872-73	180,571,640.00	108,011,616.90	288,533,256.00	1.00	.50	1.50	4,328,748.84
1873-74	212,407,505.00	Real & Personal	212,407,505.00	1.10	.50	1.60	3,398,520.08
1874-75	162,466,177.00	101,763,267.00	264,229,444.00	1.45	.64 9-10	2.09 9-10	5,546,176.02
1875-76	169,944,327.00	99,160,814.00	269,105,141.00	1.00	.60 5-10	1.60½	4,319,137.51
1876-77	190,222,363.00	70,354,615.00	260,576,987.00	1.39	.73 5-10	2.12½	5,537,260.78
1877-78	190,973,720.00	63,873,330.00	254,867,050.00	1.20	.63	1.83	4,664,067.02
1878-79	190,280,810.00	54,196,550.00	244,477,360.00	1.69	.55	2.24	5,476,292.86
1879-80	166,429,845.00	51,057,229.00	217,487,074.00	1.37	.62 5-10	1.995	4,328,867.10
1880-81	165,023,658.00	279,287,738.00	444,311,896.00	1.57	.64	2.21	9,891,281.49
*1881-82	168,301,669.00	71,121,990.00	289,423,662.00				
1881-82	155,834,879.00	66,598,521.00	222,433,400.00	1.15	.65 5-10	1.80 5-10	4,126,209.07
1882-83	151,894,908.00	50,267,099.00	202,162,007.00	1.20 63-100	.59 6-10	1.80 23-100	3,643,565.85
*1883-84	182,531,759.00	70,691,188.00	253,452,389.00				
1883-84	158,728,269.00	62,272,584.00	221,225,245.00	1.20	.49 7-10	1.69 7-10	3,914,361.31
*1884-85	180,917,078.00	64,240,218.00	245,157,396.00				
1884-85	164,495,888.00	59,013,672.00	223,509,560.00	1.125	.45 2-10	1.57 7-10	3,622,593.51

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1885-86	171,418,425.00	56,192,927.00	227,609,347.00				
*1885-86	199,843,502.00	61,482,467.00	264,325,969.00	1.04 89-100	.54 4-10	1.54 29-100	3,744,356.82
1886-87	172,409,145.00	54,741,864.00	230,151,009.00	1.01 10-100	.56	1.57 1-10	3,615,672.35
1887-88	191,618,454.00	60,127,657.00	251,746,111.00	1.14 78-100	.60 8-10	1.75 58-100	4,420,158.20
1888-89	211,467,987.00	61,921,629.00	273,380,616.00	1.06 7-10	.50 4-10	1.57 1-10	4,294,950.87
**1889-90	241,119,410.00	64,920,995.00	306,040,405.00	1.00	.72 2-10	1.72 2-10	5,165,648.48
1890-91	235,361,768.00	66,082,372.00	301,444,140.00	1.03	.58	1.61	4,853,152.40
City & County							
*1891-92	244,515,331.00	67,050,748.00	311,556,079.00				
State							
1891-92	317,864,930.00	81,956,147.00	399,826,077.00	1.03	.44 6-10	1.47 6-10	4,992,254.91
City & County							
*1892-93	277,340,008.00	68,884,698.00	346,224,706.00				
State							
1892-93	332,808,010.00	79,239,002.00	412,047,076.00	1.00	.43 4-10	1.43 4-10	5,250,531.37
1893-94	276,457,420.00	66,186,759.00	342,644,174.00	1.03	.57 6-10	1.60 6-10	5,502,865.51
*1894-95	261,808,995.00	63,299,903.00	325,108,898.00	1.00	.49 3-10	1.49 3-10	5,082,919.33
1895-96	265,018,605.00	62,786,542.00	327,805,147.00	1.565	.68½	2.25	6,896,872.16
*1896-97	330,401,154.00	91,668,562.00	422,069,716.00	.96 92-100	.42 9-10	1.39 82-100	5,901,378.77
1897-98	278,157,865.00	69,797,055.00	347,954,920.00	1.1854	.51	1.69 54-100	5,899,227.71
1898-99	282,769,730.00	69,574,331.00	352,344,061.00	1.318	.48 8-10	1.806	6,363,417.64
1899-1900	285,305,370.00	119,806,245.00	405,111,615.00	1.029	.60 1-10	1.63	6,128,407.94
1900-1901	288,530,645.00	121,624,659.00	410,155,304.00	1.127	.498	1.625	6,110,252.28
1901-02	289,682,092.00	123,417,901.00	413,099,993.00	1.0762	.48	1.5562	6,428,662.09
1902-03	288,436,300.00	121,532,344.00	419,968,644.00	1.2262	.382	1.6082	6,758,800.17
*1903-04	390,119,914.00	155,746,532.00	545,866,446.00	1.076	.561	1.637	7,663,956.11
1904-05	380,282,050.00	122,610,309.00	502,892,459.00	1.12	.535	1.655	7,760,449.86
1905-06	401,966,350.00	122,264,596.00	524,230,946.00	1.164	.49	1.654	8,670,779.85
1906-07	287,286,852.00	88,645,595.00	375,932,447.00	1.322	.476	1.798	6,417,613.49
1907-08	327,505,007.00	102,127,586.00	429,632,593.00	1.415	.445	1.86	7,991,166.28
1908-09	349,512,992.00	104,821,168.00	454,334,160.00	1.50	.40	1.90	8,632,817.59
City & County							
*1909-10	406,144,061.00	86,722,976.00	492,867,037.00	1.60	.....	.....	7,885,872.40
State							
*1909-10	446,758,469.00	92,338,902.00	539,097,371.00	.....	.36 4-10	.....	1,962,298.42
1910-11	433,263,243.00	81,764,821.00	515,028,064.00	1.647	.353	2.00	10,300,561.28
City & County							
1911-12	404,520,670.00	57,335,111.00	461,855,781.00	2.00	.05	2.05	9,468,451.01
†Operative—							
Exempt	23,316,980.00	59,891,586.00	83,208,566.00		.05		
1912-13							
City & County	447,780,237.00	62,251,864.00	510,432,101.00	2.05			10,688,463.96
Operative	45,765,020.00	48,616,128.00	94,381,148.00		.044	2.094	41,527.71

* Years in which the State Board of Equalization increased the valuation of property for State purposes: 1881-82, 8%; 1883-84, 15%; 1884-85, 10%; 1885-86, 12½%; 1891-92, 30%; 1892-93, 20%; 1894-95, 15%; 1896-97, 20%; 1903-04, 30%; 1909-10, 10%.

**Decrease of 5% in the fiscal year 1899-90.

† This property is operative and under Constitutional Amendment No. 1 cannot be taxed for City and County purposes.

a Until April 19, 1856, San Mateo County was included in San Francisco County.

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BUDGET CITY AND COUNTY OF SAN FRANCISCO, CAL.

FISCAL YEAR 1912-1913.

GENERAL FUND.

SUPERVISORS.

Budget Item No.		
1	18 Supervisors at $2,400	$ 43,200
2	1 Clerk	3,600
3	Expert to Board	3,600
4	Chief Assistant Clerk	2,700
5	Bond and Ordinance Clerk	3,000
6	Assistant Clerk and Superintendent of Supplies	3,000
7	3 Assistant Clerks, at $2,100 each	6,300
8	Stationery Clerk	1,920
9	2 Assistants Clerks, at $1,800 each	3,600
10	Stenographer to Finance Committee	1,800
11	3 Assistant Clerks, at $1,500 each	4,500
12	2 Stenographers, at $1,200 each	2,400
13	Filing Clerk and Telephone Operator	1,200
14	1 Telephone Operator	960
15	Sergeant at Arms	1,440
16	1 Chauffeur	1,500
17	Finance Committee Expenses	10,000
18	Printing Public Documents	10,000
19	Clerks, Board of Equalization	600
20	Advertising	30,000
21	Interment U. S. Soldiers and Sailors	2,500
22	Printing Law and Motion Calendar	4,100
23	Maintenance Public Pound	9,000
24	Municipal Reports for 1911-12	4,000
25	License Tags	2,000
26	Bureau of Efficiency and Supplies Committee (to be expended by Supervisors and Civil Service Commission)	10,000
27	Stationery, Books, Printing, Stamps	42,000
28	Stationery for Assessor	5,500
29	Purchase of Directories	600
30	Purchase and repair of book-typewriters	500
31	Rebinding books	500
32	Supplies, Stationery Department	1,000
33	Furniture, Public Buildings	7,500

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Non-Operative Property Sections of City	Comprising Volumes	Real Estate 1911	Rec 19
50 Vara survey and City Hall Lots	1 to 6	93,231,250	100
100 Vara Survey and So. Beach Blocks and Mission Rock	7 to 11	55,983,940	5
Mission Blocks	12 to 17	19,318,600	2
New Potrero, Union Iron Works and R. R. Reserve	18 & 19	7,176,310	
Horner's Addition	20 to 22	3,200,220	
Western Addition	23 to 34	60,769,330	6
Tide Lands	35	197,040	
Richmond District	36 to 39	7,380,420	1
Sunset District	40 to 44	5,661,040	
Lands in Acres	45	6,498,480	
Homesteads and Tracts	46 to 60	9,873,395	1
Totals		269,290,025	300

Operative Property Exempt from City and County Taxes Sections of City	Comprising Volumes	Real Estate 1911	Rec 1
50 Vara survey and City Hall Lots	1 to 6	377,490	
100 Vara Survey and So. Beach Blocks and Mission Rock	7 to 11	3,460,570	
Mission Blocks	12 to 17	89,430	
New Potrero, Union Iron Works and R. R. Reserve	18 & 19	14,904,670	1
Horner's Addition	20 to 22	5,000	
Western Addition	23 to 34	369,790	
Tide Lands	35		
Richmond District	36 to 39	33,190	
Sunset District	40 to 44	8,640	
Lands in Acres	45	23,630	
Homesteads and Tracts	46 to 60	94,440	
Totals		19,366,850	25
Total Assessed Values		288,656,875	32

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BU

	ecured rsonal operty 911	Unsecured Personal Property 1912
	52,547	38,733,199
	crease	2,670,652

Budget Item		
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6	32,547	38,733,199
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8	ecured rsonal operty 911	Unsecured Personal Property 1912
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20		
21	7,362	12,925,699
22	9,909	51,658,898
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Budget Item No.		
34	Investigation of Public Utilities, Transportation Problems and Extensions of Municipal Street Railways	27,500
35	Celebration Fourth of July	2,500
36	Observance of Memorial Day	500
37	Grand Jury expenses	3,000
38	Premiums on Official Bonds	4,500
39	Urgent Necessities	90,000
40	Rents, Repairs and Equipment of Buildings	85,000
41	Water for Municipal purposes, Hydrants	132,000
42	Water for Public Buildings	23,000
43	Maintenance of Minors in non-sectarian Institutions	190,000
44	Maintenance of Minors in Magdalen Asylum	7,500
45	Maintenance of Minors in State Schools	10,000
46	Maintenance of Feeble Minded Children	28,000
47	Maintenance of Criminal Insane	2,500
48	Juvenile Detention Home	14,000
49	Juvenile Court Incidentals, Demands to be drawn through Board of Supervisors	5,000
50	Probation Officers' Salaries	18,300
51	Lighting Streets and Public Buildings	435,000
52	Purchase of rights of way	3,000
53	Examination of insane persons	8,000
		$1,313,820

SPECIAL FUND

For Improvement of Highways, Parks and Streets. To be Expended Under the Direction of the Board of Supervisors.

54	For improvement of Lincoln Way	$40,000
55	For paving of Howard street	60,000
56	For improvement of Sansome street	25,000
57	For improvement of California street	10,000
58	For improvement of Kearny street	10,000
59	For improvement of Buena Vista Park	15,000
60	For Convenience Station and other improvements in Mission Park	15,000
61	For improvement of San Bruno Road and other highways and opening streets	75,000
		$250,000

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MAYOR.

Budget Item No.		
62	Mayor's salary	$6,000
63	Secretary	2,400
64	Assistant Secretary	2,100
65	Stenographer	1,500
67	Stenographer	1,200
67	Stenographer	900
68	Telephone Operator	900
69	Usher	900
70	Chauffeur	1,500
71	Mayor's Contingent expenses, Charter	3,600
72	Mayor's Incidentals	1,740
		$22,740

AUDITOR.

73	Auditor	$4,000
74	Deputy Auditor	2,400
75	2 Assistant Deputies at $1,500 each	3,000
76	Clerk	1,200
77	Attorney's Fees	1,800
78	1 Assistant Deputy	2,100
79	1 Assistant Deputy	2,100
80	1 Assistant Deputy	2,100
81	1 Assistant Deputy	1,800
82	4 Assistant Deputies at $1,800 each	7,200
83	1 Stenographer and Bond Clerk	1,500
84	1 Clerk	1,200
85	1 Telephone Operator	900
86	1 Expert, (Minor's) refund from State	1,500
87	Solely for computing and extending the Assessment Roll and Delinquent Tax List	7,500
88	Incidentals	400
		$40,700

ASSESSOR.

89	Assessor	8,000
90	Chief Deputy	2,400
91	Cashier	1,800

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ASSESSOR—Continued

Budget Item No.		
92	8 Assistant Deputies at $1,800 each	14,400
93	18 Clerks at $1,200 each	21,600
94	Extra Clerks	46,000
95	Poll Tax Collectors	5,000
96	Field Deputies' expenses	2,000
		$101,200

CORONER.

97	Coroner	$4,000
98	Autopsy Physician	2,400
99	Chief Deputy	2,400
100	3 Assistant Deputies at $1,500 each	4,500
101	Stenographer	1,800
102	Messenger	900
103	Toxicologist, Ordinance No. 1863	1,200
104	Assistant Stenographer and Typewriter, Ordinance No. 1863	1,500
105	Assistant Deputy and Driver, Ordinance No. 1863	1,080
106	Night Clerk Matron, Ordinance No. 1863	900
107	Clerk Matron	900
108	Morgue Tender	900
109	Coroner's expenses	2,700
		$25,180

RECORDER.

110	Recorder	$4,000
111	Chief Deputy	2,400
112	5 Assistant Deputies, at $1,800 each	9,000
113	9 Clerks at $1,500 each	13,500
114	1 Machinist	1,500
115	1 Messenger	1,200
116	Copyists	45,000
		$76,600

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TAX COLLECTOR.

Budget Item No.		
117	Tax Collector	$ 4,000
118	Chief Deputy	2,400
119	Cashier	2,400
120	15 Deputies at $1,500 each	22,500
121	2 Assistant Cashiers at $1,800 each	3,600
122	Expert Searcher	1,800
123	Accountant	2,400
124	6 Temporary Cashiers (2 months) at $150 each	1,800
125	1 Block Book Man	1,500
126	Acting Deputies as per Ordinance 821	18,000
127	Stenographer	1,380
128	Extra Clerks	5,520
129	Printing Delinquent Tax List	1,800
130	Horse and buggy hire	540
131	Incidentals	250
		$69,890

TREASURER.

132	Treasurer	$4,000
133	Chief Deputy	2,400
134	2 Deputies at $1,800 each	3,600
135	1 Clerk	1,200
136	1 Coupon Clerk (Ordinance)	1,800
137	1 Bookkeeper	2,100
138	1 Assistant Bookkeeper	1,800
139	1 Cashier	3,600
140	1 Clerk	1,800
141	1 Clerk	1,800
		$24,100

SUPERIOR COURTS.

142	12 Judges at $3,000 each	$36,000
143	1 Secretary	3,000
144	Superior Court Stenographers	20,000
145	Superior Court Orders	20,000
146	Superior Court Interpreters	9,600
		$88,600

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CITY ATTORNEY.

Budget Item No.		
147	City Attorney	$ 5,000
148	1 Assistant	3,600
149	1 Assistant	3,000
150	1 Assistant	2,400
151	1 Assistant	1,800
152	Chief Clerk	1,800
153	1 Assistant Clerk	900
154	1 Stenographer-typewriter	900
155	1 Messenger	900
156	1 Assistant, Ord.	3,600
157	3 Assistants at $3,000 each, Ord.	9,000
158	1 Stenographer-typewriter	900
159	1 Stenographer, Ord.	900
160	For general litigation, Ord.	5,000
		$39,700

DISTRICT ATTORNEY.

161	District Attorney	$ 5,000
162	3 Assistants at $3,600 each	10,800
163	4 Assistants at $2,400 each	9,600
164	1 Chief Clerk	1,800
165	1 Assistant Clerk	1,200
166	1 Stenographer-typewriter	900
167	1 Warrant and Bond Clerk	2,400
168	3 Assistant Warrant and Bond Clerks at $1,500 each	4,500
169	1 Bookkeeper, Ord.	1,200
170	1 Warrant and Bond Clerk, Ord.	2,100
171	2 Assistants at $3,000 each, Ord.	6,000
172	1 Messenger, Ord.	1,500
173	1 Assistant, Ord.	3,600
174	1 Assistant, Ord.	2,400
175	For extraordinary expenses of the District Attorney's Office, subject to the orders of courts through the Board of Supervisors	5,000
		$58,000

COUNTY CLERK.

176	County Clerk	$ 4,000
177	1 Chief Register Clerk	2,400
178	1 Cashier	1,800

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COUNTY CLERK—Continued

Budget Item No.		
179	12 Courtroom Clerks at $1,500 each	18,000
180	5 Register Clerks at $1,800 each	9,000
181	10 Assistant Register Clerks at $1,500 each	15,000
182	16 Copyists at $1,200 each	19,200
183	4 Clerks, Police Courts, at $1,500 each	6,000
184	1 Messenger, Ord.	1,200
185	6 Deputies at $1,200 each, Ord.	7,200
186	15 Copyists at $1,200 each, Ord.	18,000
187	4 Courtroom Clerks at $1,500 each, Ord.	6,000
188	Jury and witness fees in criminal cases	25,000
189	Jury expenses in criminal cases	1,500
		$134,300

JUSTICES COURT.

190	5 Justices at $3,600 each	$18,000
191	1 Clerk	3,000
192	1 Cashier	1,800
193	1 Chief Deputy	1,800
194	2 Deputies at $1,500 each	3,000
195	1 Messenger	1,200
		$28,800

LAW LIBRARY.

196	Librarian	$ 2,400
197	Messenger	1,200
		$3,600

SHERIFF.

198	Sheriff	$ 8,000
199	Undersheriff	2,400
200	Attorney	1,800
201	Chief Bookkeeper	1,800
202	2 Assistant Bookkeepers at $1,500 each	3,000
203	10 Office Deputies at $1,500 each	15,000
204	14 Bailiffs at $1,200 each	16,800

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SHERIFF—Continued

Budget Item No.		
205	1 Chief Jailer	1,800
206	10 Jailers at $1,200 each	12,000
207	1 Superintendent of Jails	1,800
208	16 Guards, Jail No. 2, at $600 each	9,600
209	6 Guards, Jail No. 3, at $600 each	3,600
210	1 Matron	900
211	1 Commissary	1,500
212	1 Driver of van	900
213	1 Bookkeeper, all Jails	1,500
214	1 Stenographer, Ord.	900
215	1 Driver, Ord.	900
216	2 Cooks at $900 each, Ord.	1,800
217	6 Road Guards at $900 each Ord.	5,400
218	1 Druggist, Ord.	1,200
219	3 Office Deputies at $1,500 each, Ord.	4,500
220	4 Bailiffs at $1,200 each, Ord.	4,800
221	Subsistence of prisoners	45,000
222	Sheriff's expenses, horse-keeping, etc.	2,500
		$149,400

POLICE DEPARTMENT.

223	4 Commssioners at $1,200 each	$ 4,800
224	1 Secretary	1,500
225	1 Stenographer	1,800
226	1 Surgeon	1,500
227	1 Chief	4,000
228	1 Clerk	2,400
229	1 Property Clerk	2,400
230	1 Captain of Detectives	3,000
231	9 Captains at $2,400 each	21,600
232	18 Lieutenants at $1,920 each	34,560
233	25 Detective Sergeants at $1,800 each	45,000
234	53 Sergeants at $1,680 each	89,040
235	57 Corporals at $1,560 each	88,920
236	725 Patrolmen at $1,464 each	1,061,400
237	26 Patrol Drivers at $1,200 each	31,200
238	4 Telephone Operators at $900 each	3,600
239	4 Matrons at $1,020 each	4,080
240	9 Hostlers at $1,080 each	9,720

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POLICE DEPARTMENT—Continued

Budget Item No.		
241	1 Cook	1,200
242	3 Engineers, Launch, at $1,500 each	4,500
243	Contingent expenses	8,000
244	Maintenance of Police Patrol and Mounted Police	42,000
245	Photographic supplies, laundry work and fuel	2,500
246	Maintenance of automobiles	3,500
247	Maintenance of police launch	1,500
248	Subsistence of prisoners	7,300
249	Equipment of Department with motor cycles, purchase and maintenance	15,000
250	Purchase of two auto patrol wagons	9,000
		$1,505,020

POLICE COURTS.

251	4 Judges at $3,600 each	$14,400
252	4 Stenographers at $2,400 each	9,600
		$24,000

CIVIL SERVICE COMMISSION.

253	3 Commissioners at $1,200 each	$ 3,600
254	1 Examiner and Secretary	2,400
255	1 Assistant Secretary, Ord.	1,500
256	2 Clerk Stenographers at $1,200 each, Ord.	2,400
257	1 Stenographer-typewriter, Ord.	900
258	1 Counter Clerk, Ord.	1,200
259	Extra Clerks and Special Examiners, Ord.	4,000
		$16,000

HEALTH DEPARTMENT.

260	1 Health Officer	$ 3,600
261	1 Chief Clerk	2,700
262	1 Auditor	1,920
263	1 Clerk	1,920
264	1 Clerk	1,200
265	1 Clerk	1,080
266	1 Stenographer	1,200
267	2 Stenographers at $1,080 each	2,160

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HEALTH DEPARTMENT—Continued

Budget Item No.		
268	1 Telephone Operator	960
269	1 Messenger	480
270	1 City Physician	2,400
		$19,620

Inspectors—

271	1 Chief Sanitary Inspector	$ 3,000
272	4 Sanitary Inspectors at $1,560 each	6,240
273	2 Industrial Inspectors at $1,380 each	2,760
273a	1 Chief Plumbing Inspector	2,100
274	5 Plumbing Inspectors at $1,800 each	9,000
274a	1 Foreman Market Inspector	1,800
275	14 Market Inspectors at $1,380 each	19,320
276	1 Dairy Veterinarian	1,800
276a	1 Chief Dairy Inspector	1,800
277	2 Dairy Inspectors at $1,380 each	2,760
278	3 Food Inspectors at $1,200 each	3,600
279	2 Disinfectors at $1,380 each	2,760
280	1 Medical School Inspector	1,800
281	1 Medical School Inspector	1,500
282	14 Health Inspectors of Schools at $900 each	12,600
283	1 Inspector of Indigents	1,200
		$74,040

Laboratory—

284	1 Director of Laboratories	$ 3,000
285	1 Assistant Director of Laboratories	1,500
286	1 Helper	600
287	1 Chemist	1,500
288	1 Assistant Chemist	1,320
289	1 Helper	1,080
		$9,000

Main Hospital—

290	1 Resident Physician	$ 1,500
291	9 Internes at $480 each	4,320
292	1 Commissary Clerk	1,800

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HEALTH DEPARTMENT—Continued

Budget Item No.		
293	1 Secretary Clerk	1,800
294	1 Ambulance Driver	1,080
295	1 Watchman	900
296	1 Superintendent of Nurses	1,200
297	1 Operating Room Nurse	1,080
298	5 Graduate Nurses at $720 each	3,600
299	50 Pupil Nurses at $144 each	7,200
300	12 Pupil Orderlies at $360 each	4,320
301	1 Druggist	1,500
302	1 Druggist Helper	600
303	1 Telephone Operator	780
304	1 Recording Clerk	1,200
305	1 Telephone Operator, night	420
306	1 X-Ray Operator	480
307	1 Watchman-Storekeeper	960
308	1 Surgical Dresser	900
309	1 Teamster	960
310	3 Elevatormen at $600 each	1,800
311	1 Chief Cook	1,200
312	1 Cook-Butcher	1,200
313	1 Cook	1,080
314	3 Waiters at $672 each	2,016
315	1 Relief Waiter	420
316	1 Seamstress	600
317	1 Housekeeper	480
318	10 Kitchen Helpers at $240 each	2,400
319	12 Orderlies at $240 each	2,880
320	10 Pantrymen at $240 each	2,400
321	10 Wardmen at $120 each	1,200
322	20 Porters and Helpers at $240 each	4,800
323	1 Ironer	420
324	1 Anaesthetist	900
		$60,396

Tubercular Hospital—

325	1 Resident Physician	$ 1,500
326	2 Internes at $480 each	960
327	3 Gatemen at $600 each	1,800
328	2 Graduate Nurses at $720 each	1,440

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HEALTH DEPARTMENT—Continued

Budget Item No.		
329	1 Druggist	600
330	1 Telephone Operator	600
331	1 Chambermaid	420
332	2 Male Nurses at $360 each	720
333	1 Superintendent of Nurses	900
334	2 Yardmen at $240 each	480
335	1 Waiter	672
336	1 Waiter	480
337	4 Waiters at $144 each	576
338	1 Cook	1,080
339	12 Pupil Nurses at $144 each	1,728
340	6 Orderlies at $240 each	1,440
341	3 Pantrymen at $300 each	900
342	6 Helpers at $216 each	1,296
343	1 Helper	120
344	1 Mattress Maker	240
345	1 Morgue Tender	240
346	6 Wardmen at $144 each	864
		$19,056

Isolation Hospital

347	1 Resident Physician	$ 2,400
348	1 Stenographer-Bookkeeper	1,080
349	1 Nurse	1,080
350	1 Male Nurse	960
351	1 Nurse	900
352	2 Cooks at $1,080 each	2,160
353	6 Pupil Nurses at $144 each	864
354	1 Interne	480
355	1 Waitress	480
356	1 Night Watchman	960
357	1 Day Watchman	720
358	3 Wardmen at $360 each	1,080
359	1 Helper	480
360	1 Helper	120
361	1 Laundryman	240
		$14,004

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HEALTH DEPARTMENT—Continued

Budget Item No.		
	Emergency Hospitals—	
362	1 Chief Surgeon	$ 2,400
363	1 Chief Steward	2,100
364	1 Clerk-Stenographer	960
365	15 Assistant Surgeons at $1,320 each	19,800
366	18 Stewards at $1,080 each	19,440
367	3 Nurses at $960 each	2,880
368	6 Matrons at $840 each	5,040
369	3 Pupil Nurses at $144 each	432
370	1 Seamstress	720
371	15 Drivers at $1,080 each	16,200
		$69,972
372	Relief Home Salaries	$64,000
373	Relief Home Expenses	130,000
		$194,000
374	Health Department Expenses	$ 6,280
375	Main Hospital Maintenance	73,820
376	Tubercular Hospital Maintenance	40,000
377	Isolation Hospital Maintenance	10,000
378	Emergency Hospital Maintenance	12,900
379	1 Motor Ambulance—Emergency Hospital	5,000
380	1 X-Ray Equipment—Emergency Hospital	500
381	1 Motor Oil Wagon—Relief Home	5,500
382	Burial Indigent Dead	4,000
		$158,000
382a	For Special Emergency Sanitary Measures, to be expended by the Board of Health and the United States Marine Hospital Service under the direction of the Board of Supervisors	$15,000

FIRE DEPARTMENT.

383	4 Commissioners at $1,200 each	$ 4,800
384	Secretary	2,400
385	Physician	1,800
386	Stenographer	1,800
387	Chief Engineer	5,000
388	1 First Assistant Engineer	3,600
389	1 Second Assistant Engineer	3,000

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FIRE DEPARTMENT—Continued

Budget Item No.		
390	11 Battalion Chiefs at $2,700 each	29,700
391	14 Operators at $1,500 each	21,000
392	45 Engine Companies	733,262
393	2 Relief Companies	8,130
394	11 Chemical Engine Companies	70,710
395	12 Truck Companies	209,640
396	2 Fireboats	73,980
397	3 Monitors	4,320
398	2 Water Towers	12,900
		$1,186,042
	Corporation Yard—	
399	1 Superintendent of Engines	$ 2,700
400	1 Clerk and Commissary	1,800
401	1 Night Watchman	1,200
402	4 Watchmen at $1,200 each	4,800
403	3 Draymen at $1,200 each	3,600
404	1 Helper	1,200
405	7 Machinists at $4.50 per day	9,828
406	1 Foreman, wagon and carriage shop	1,560
407	5 Blacksmiths at $4.50 per day	7,020
408	5 Blacksmith Helpers at $3.75 per day	5,015
409	1 Woodworker at $4.50 per day	1,404
410	1 Pattern Maker at $5.25 per day	1,638
411	1 Brass Finisher at $4.50 per day	1,404
412	2 Boilermakers at $4.50 per day	2,808
413	1 Steamfitter at $6.00 per day	1,872
	Paint Shop—	
414	1 Foreman Painter at $5.00 per day	1,560
415	3 Carriage Painters at $4.50 per day	4,212
	Harness Shop—	
416	1 Foreman at $5.00 per day	1,560
417	3 Harness Makers at $4.25 per day	3,978
	Horseshoeing Shop—	
418	4 Horseshoers at $5.00 per day	6,240
419	7 Hydrant Men at $1,200 each	8,400
	Stables—	
420	1 Superintendent of Horses	1,860
421	1 Veterinarian	1,200

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FIRE DEPARTMENT—Continued

Budget Item No.		
422	8 Hostlers at $1,200 each	9,600
423	Charter Salary increases	7,000
424	New Companies	15,000

AUXILIARY FIRE PROTECTION.

425	Pumping Station No. 1, Salaries and Maintenance	12,400
426	Twin Peaks Reservoir, Salaries and Maintenance	5,000
427	Distributing System, Salaries and Maintenance	6,000
428	Water	5,000
429	Fire Department Maintenance	160,000
430	For Purchase of Fire Fighting Apparatus and Hose	100,000
		$396,859

DEPARTMENT OF ELECTRICITY.

	Office—	
431	1 Chief	$ 3,000
432	1 Secretary	1,800
433	1 Stenographer-Typewriter	1,200
434	1 Messenger	1,020
	Inspectors—	
435	1 Chief Inspector	1,800
436	5 Inspectors at $1,500 each	7,500
437	1 Inspector Aerial Construction	1,500
438	1 Clerk	1,200
	Operators—	
439	1 Chief Operator	1,800
440	7 Operators at $1,500 each	10,500
441	4 Telephone Operators at $900 each	3,600
	Machine Shop—	
442	1 Foreman	1,620
443	3 Instrument Makers at $1,350 each	4,050
444	1 Machinist	1,350
445	1 Painter	1,350
	Construction Department—	
446	1 Assistant Chief	2,400
447	1 Foreman Lineman	1,500
448	1 Cable Splicer	1,716
449	1 Batteryman	1,500

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DEPARTMENT OF ELECTRICITY—Continued

Budget Item No.		
450	1 Storekeeper	1,200
451	1 Hostler	1,200
452	12 Linemen at $1,350 each	16,200
453	1 Repairer	1,380
454	Laborers	2,160
455	1 Motor runabout	1,380
456	Extensions and equipment	15,000
457	Reconstruction	15,000
		$103,926
458	DEPARTMENT OF ELECTIONS	$265,000
459	Special Elections	50,000
		$315,000
460	PLAYGROUND COMMISSION, Salaries, Maintenance, Extensions	$80,000
461	RELIEF OF EXEMPT FIREMEN	5,000

BOARD OF PUBLIC WORKS.

462	3 Commissioners at $4,000 each	$12,000
463	1 Secretary	1,800
	General Office—	
464	1 Clerk	3,000
465	1 Clerk	2,400
466	1 Clerk	1,800
467	2 Stenographers at $1,500 each	3,000
468	1 Messenger	1,500
469	1 Chauffeur	1,500
470	2 Telephone Operators at $900 each	1,800
	Bookkeeping Department—	
471	1 Bookkeeper	3,000
472	1 Clerk	2,100
473	2 Clerks at $1,800 each	3,600
474	1 Stenographer	1,200
475	1 Timekeeper	1,380

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BOARD OF PUBLIC WORKS—Continued

Budget Item No.			
		Bureau of Light and Water—	
476	1	Inspector	2,100
477	1	Assistant Inspector	1,680
		Bureau of Building Inspectors—	
478	1	Chief Inspector	3,000
479	1	Inspector	2,100
480	8	Inspectors at $1,800 each	14,400
481	1	Boiler Inspector	1,800
482	1	Clerk-Stenographer	2,400
483	1	Clerk	1,800
		Bureau of Streets—Office and Field—	
484	1	Chief Deputy	3,000
485	1	Clerk	2,400
486	1	Clerk	1,800
487	1	Stenographer	1,200
488	4	Inspectors at $2,100 each	8,400
488a	1	Inspector	1,800
488b	1	Inspector	1,500
489	1	Clerk	1,200
		Cashier's Office—	
490	1	Cashier	2,400
491	1	Clerk	1,800
492	1	Clerk-Stenographer	1,500
		Maintenance—Bridges—	
493	6	Engineers at $1,560 each	9,360
494	7	Watchmen (Bridge Tenders) at $1,080 each	7,560
		Bureau of Building Repairs—	
495	1	Superintendent	3,000
496	1	Assistant Superintendent	2,400
497	1	Clerk	1,800
498	1	Stenographer	1,200
		Janitors—	
499	1	Head Janitor	1,800
500	1	Assistant Janitor	1,380
501	1	Janitress	960
502	31	Janitors at $960 each	29,760
503	1	Caretaker—Fountain, $3 per day	936
504	2	Watchmen at $1,080 each	2,160

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BOARD OF PUBLIC WORKS—Continued

Budget Item No.		
	Engineers, Elevator Operators, etc., Hall of Justice—	
505	1 Chief Engineer	2,100
506	3 Engineers at $1,500 each	4,500
507	8 Elevator Operators at $960 each	7,680
	Engineers, Elevator Operators, etc., Temporary City Hall—	
508	1 Chief Engineer	2,100
509	2 Assistant Engineers at $1,500 each	3,000
510	6 Elevator Operators at $960 each	5,760
	Bureau of Architecture—	
511	3 Consulting Architects at $25 per day, $7,800 each	23,400
512	1 Clerk	2,100
513	2 Stenographers at $1,200 each	2,400
514	1 Chief Draughtsman	3,000
515	1 Draughtsman	960
516	1 Chief Inspector	3,000
	Bureau Repairs to Streets and Sewers—	
517	1 Superintendent of Streets	3,000
518	1 Assistant Superintendent of Streets	2,400
519	1 Superintendent of Sewers	3,000
520	1 Clerk	1,500
521	1 Stenographer	1,500
	General Maintenance—	
522	Transportation—General	10,420
523	Transportation—Carfare	1,500
524	Supplies—Blue Prints, etc.	5,000
525	Supplies and Maintenance, including Janitors' Supplies, Fuel Oil, Electric Power, Engine-room Supplies, Lamps, etc., Repairs and Upkeep of Elevators and Engines	10,000
526	Maintenance—Municipal Water Works	3,000
		$259,996

BUREAU OF ENGINEERING.

	Main Office—	
527	1 City Engineer	$ 7,000
528	1 Chief Assistant Engineer	3,600
529	1 Surveyor's Field Assistant	2,100
530	1 Draughtsman, in Charge of Records	1,800
531	1 Stenographer	1,500

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BUREAU OF ENGINEERING—Continued

Division Construction—Streets and Sewers—

Budget Item No.		
532	1 Assistant Engineer	2,100
533	1 Surveyor	2,100
	Investigating Petitions for New Pavements, Sidewalks, Sewers, Preparing Plans and Specifications for Special Work—	
534	1 Draughtsman	2,400
535	1 Assistant Engineer	1,200
536	2 Draughtsmen at $1,500 each	3,000
	Laboratory—	
537	1 Chemist	2,100
538	1 Assistant Chemist	1,500
	Division of Surveys—	
539	1 Assistant Engineer	3,600
540	1 Surveyor	1,800
	Division of Surveys—Office—	
541	1 Draughtsman	2,100
542	2 Draughtsmen at $1,800 each	3,600
543	3 Draughtsmen at $1,500 each	4,500
544	2 Field Assistants at $1,500 each	3,000
545	2 Field Assistants at $1,200 each	2,400
	Division of Surveys—Field Work—	
546	4 Surveyors at $1,800 each	7,200
547	2 Surveyors' Field Assistants at $1,500 each	3,000
548	12 Surveyors' Field Assistants at $1,200 each	14,400
		$76,000

TO BE EXPENDED BY THE BOARD OF PUBLIC WORKS UNDER THE DIRECTION OF THE BOARD OF SUPERVISORS.

549	For paving, repaving, grading and repairs to streets, for reconstruction of and repairs to sewers, and for construction of and repairs to public buildings and other structures except school buildings	$1,000,000
550	For construction and equipment of Fire Department Buildings and for purchase of lands for Fire Department purposes	95,000

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Budget Item No.		
551	For the reconstruction, repairs to and equipment of School Department Buildings	100,000
552	For construction and equipment of Police Department buildings and for purchase of lands for Police Department purposes	50,000
553	For expense, maintenance and cleaning, sweeping and sprinkling streets	330,000
		$1,575,000

COMMON SCHOOL FUND

554	4 Commissioners at $3,000 each	$12,000
555	1 Superintendent	4,000
556	4 Deputy Superintendents at $2,820	11,280
557	1 Secretary	1,800
558	1 Financial Secretary	2,100
559	1 Recording Secretary	1,980
560	3 Stenographers at $1,200 each	3,600
561	1 Telephone Operator	960
562	2 Messengers at $960 each	1,920
563	1 Storekeeper	1,800
564	1 Assistant Storekeeper	960
565	1 Superintendent of Buildings	2,100
566	1 Clerk, Gas and Water Inspector	1,500
567	1 Foreman, Supply Department	1,500
568	1 Chauffeur	1,500
569	Other Salaries, Rents, Scavenger Service, etc	1,641,000
570	Maintenance	119,000
571	Lecture Bureau	2,500
572	Incidental Fund, to be expended under the direction of the President of the Board of Education	1,000
		$1,812,500

573	LIBRARY FUND	$ 80,000
574	PARK FUND	350,000
575	FIREMEN'S RELIEF AND PENSION FUND	70,000
576	BOND INTEREST AND REDEMPTION	1,962,565
577	FOR MUNICIPAL BAND IN SMALL PARKS	10,000

Total Amount, $12,887,626.00.

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TAX LEVY.

Bill No. 2149. Ordinance No. 1925. (New Series.) Providing revenue and levying taxes for the fiscal year ending June 30, 1913.

Be it ordained by the People of the City and County of San Francisco as follows:

For the General Fund, in addition to the rate fixed by Section 11, Chapter I of Article III of the Charter, and as authorized by Bill No....., Ordinance No..... (New Series)....	$ .61
For the General Fund, as authorized by Section 11, Chapter I of Article III of the Charter	.746
For the Firemen's Relief and Pension Fund	.014
For the Common School Fund	.224
For the Library Fund	.016
For the Park Fund	.07
For the respective funds to redeem and pay the interest on bonds sold prior to November 8, 1910, as follows:	
Hospital Bond Redemption and Interest Fund, issue 1904	.0048
Street Bond Redemption and Interest Fund, issue 1904	.0106
School Bond Redemption and Interest Fund, issue 1904	.0186
County Jail and Additions to Hall of Justice Bond Redemption and Interest Fund, issue 1904	.0040
Library Bond Redemption and Interest Fund, issue 1904	.0100
Children's Playgrounds Bond Redemption and Interest Fund, issue 1904	.0071
Golden Gate Park and Presidio Extension Bond Redemption and Interest Fund, issue 1904	.0031
Mission Park Bond Redemption and Interest Fund, issue 1904	.0028
Fire Protection Bond Interest Fund, issue 1908	.0385
Sewer Bond Interest Fund, issue 1908	.0237
School Bond Interest Fund, issue 1908	.0263
Hospital Bond Interest Fund, issue 1908	.0204
Hall of Justice Bond Redemption and Interest Fund, issue 1908	.0117
Garbage Disposal Bond Redemption and Interest Fund, issue 1908	.0145
Water Supply Bond Redemption and Interest Fund, issue 1909	.0202
Geary Street Railway Bond Interest Fund, issue 1910	.0037
For the respective funds to redeem and pay the interest on bonds sold since November 8, 1910, as follows:	
Sewer Bond Redemption and Interest Fund, issue 1904	.0362
Street Bond Redemption and Interest Fund, issue 1904	.0010
School Bond Redemption and Interest Fund, issue 1904	.0037
Library Bond Redemption and Interest Fund, issue 1904	.0031

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TAX LEVY—Continued

Forward	
Fire Protection Bond Interest Fund, issue 1908	.0100
Sewer Bond Interest Fund, issue 1908	.0116
School Bond Interest Fund, issue 1908	.0175
Hospital Bond Interest Fund, issue 1908	.0160
Hall of Justice Bond Redemption and Interest Fund, issue 1908	.0066
Garbage Disposal Bond Redemption and Interest Fund, issue 1908	.0023
Polytechnic High School Interest Fund, issue 1910	.0047
Geary Street Railway Bond Interest Fund, issue 1910	.0136
Water Bond Interest Fund, issue 1910	.0100
City Hall Bond Interest Fund, issue 1912	.0062
Exposition Bond Interest Fund, issue 1912	.0075
Total	$2.05

Section 2. This Ordinance shall take effect immediately.

J. S. DUNNIGAN, Clerk.

Approved, San Francisco, June 19, 1912.

JAMES ROLPH, JR., Mayor.

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ANNUAL REPORT OF STATE CONTROLLER, COUNTY OF SAN FRANCISCO, FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

Assessed Valuation of County for Current Year—	
General County Roll	$510,432,101.00
Operative Property of Withdrawn Corporations	94,381,148.00
Total of Property in County	$604,813,249.00
Veteran Exemption Real and Personal	$ 309,897.00
Personal	43,144.00
Total	$ 353,041.00

Number of Exemptions, 507.

TAX RATES OF LAST TWO YEARS.

Name of Fund.	Rate Last Year.	Rate Current Year.
General	$1.3570	$1.356
Firemen's Relief	.0160	.014
School	.2350	.224
Park	.0700	.070
Library	.0170	.016
Bond Interest	.1801	.2331
Bond Redemption	.1249	.1369
Total	$2.00	$2.05
	1911	1912
County Rate	$2.00	$2.05
State Rate	.05	.044
Total Inside Rate	$2.05	$2.094

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STATEMENT OF BONDED INDEBTEDNESS, SAN FRANCISCO, FISCAL YEAR ENDING JUNE 30, 1912.

Year of Issue.	Year Due.	Purpose.	Rate Interest.	Authorized.	Issued.	Redeemed.	Outstanding.
1904	1920	County Jail and Hall of Justice,	3½%	$ 697,000	$ 278,400	$ 121,800	$ 156,600
	1944	Golden Gate Park Extension	"	330,000	328,000	57,400	270,600
	1914	Hospital Building	"	1,000,000	250,000	175,000	75,000
	1922	Library	"	1,647,000	739,800	287,700	452,100
	1944	Mission Park	"	293,000	292,000	51,100	240,900
	1944	Playgrounds	"	741,000	740,000	129,500	610,500
	1919	Schools	"	3,595,000	1,305,500	628,600	676,900
	1912	Sewers	"	7,250,000	1,449,600	1,268,400	181,200
	1928	Streets	"	1,621,000	972,000	283,500	688,500
				$17,174,000	$ 6,355,300	$ 3,003,000	$ 3,352,300
1908	1955	Fire Protection	5%	$ 5,200,000	$ 4,520,000		$ 4,520,000
	1930	Garbage Disposal	"	1,000,000	856,000	$ 50,000	806,000
	1931	Hall of Justice	"	1,000,000	1,000,000		1,000,000
	1932	Hospital	"	2,000,000	1,520,000		1,520,000
	1938	Schools	"	5,000,000	4,000,000		4,000,000
	1955	Sewers	"	4,000,000	3,200,000		3,200,000
		Miscellaneous Bonds—					
				$18,200,000	$15,096,000	$ 50,000	$15,046,000
1909	1915	Water Supply	4½%	$ 600,000	$ 600,000	$ 300,000	$ 300,000

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STATEMENT OF BONDED INDEBTEDNESS,—Continued

Year of Issue.	Year Due.	Purpose.	Rate Interest.	Authorized.	Issued.	Redeemed.	Outstanding.
Jan. 1st—							
1910	1937	Polytechnic High School	"	600,000	456,000		456,000
July 1st—							
1910	1934	Geary Street Railway	"	2,020,000	1,900,000		1,900,000
1910	1964	Water Supply (Hetch-Hetchy)	"	45,000,000	1,125,000		1,125,000
May 12th—							
1912		Exposition	5%	5,000,000			
July 1st—							
1912		City Hall	"	8,800,000			
				$97,394,000	$25,532,300	$ 3,353,000	$22,179,300
		Deduct amount in Sinking Funds					542,494.15
		Net Bonded Debt					$21,636,805.85
		3½% Bonds cancelled by Ordinance No. 973, Board of Supervisors					$ 9,046,000.00
		Increase of Bonded Indebtedness during year					$ 5,000,000.00

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RECEIPTS OF THE LAST FISCAL YEAR.

1.	Property taxes (see classification slip enclosed with this report)	$ 9,354,579.72
	Interest on Bank Deposits	79,923.50
2.	Licenses—	
	Liquor	1,056,145.00
	All other	181,629.85
	Advertising	9,800.04
3.	Fees—All departments	277,893.33
	Police Relief and Pension Fund	23,060.13
4.	Fines—Police Court	54,379.00
	Juvenile Court	7,293.54
	Franchise, Percent of Railroad Earnings	51,714.31
5.	Franchises, percentages and sales	17,515.34
6.	Library fines	3,071.60
7.	Miscellaneous	171,693.07
	Commission from State on Personal Property and Poll Taxes	16,505.25
	Rents	79,537.20
	State apportionment of Schools	586,214.78
	Duplicate Taxes	6,066.79
8.	Municipal Industries—	
	Water works	4,246.35
	Park Receipts	43,814.63
	Street Widening	17,409.36
	Bequest Funds	2,892.12
	Grand Total of ordinary receipts	$12,045,384.91
	State of California Taxes	240,458,88
	Extraordinary, State of Cal., State Corp. Taxes	41,605.36
	Overpayment Corp. Tax Fund	1,285.56
9.	Sale of bonds	4,053,191.00
	Accrued interest on above bonds	42,502.69
10.	Bail moneys	549,775.00
11.	All other special deposits	183,072.65
	Assessor P. P. for 1912 not apportioned	771,139.89
	State of California; Poll Taxes, $90,890.20; Redemption of property sold to State, $5,622.69; Inheritance Taxes, $508,829.87; Whittier and Preston Schools, $10,391.53; Feeble-Minded Home, $30,675; Sec. 3897—Sales of Property, $1,369.41	647,778.70
	Grand Total of all Receipts during fiscal year	$18,576,194.64

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RECEIPTS OF THE LAST FISCAL YEAR—Continued

1.	**Taxes**	$9,230,150.30	
	General county (all funds, except state and district taxes)—		
	Assessor's collections not apport'd	771,131.89	$10,001,282.19
2.	**Licenses**		
	Liquor	1,056,105.00	
	All other	181,629.85	1,237,774.85
3.	**Fees.** Board of Health	1,116.45	
	County Clerk	86,770.25	
	Recorder	95,539.75	
	Sheriff	22,855.73	
	Auditor	92.50	
	Registrar	3,450.00	
	Public Works	22,591.70	
	Coroner	1.15	
	Electricity	14,063.15	
	Justices Court	24,898.25	
	Mayor	10.00	
	Police	1,052.50	
	Pound	5,445.60	
	Treasurer	6.50	277,893.33
4.	**Fines**		
	Police Courts	54,379.00	
	Superior Court	1,596.50	
	Library	3,264.35	59,039.85
5.	**Special Service Rendered**		
	Care of inmates in county hospital	1,280.99	
	Care of inmates county almshouse	1,576.96	
	Board of U. S. Prisoners	61.20	
	Care of insane persons	360.00	
	Juvenile Court	7,293.54	
	Isolation Hospital	198.50	10,771.19
	Payment by W. P. R. R. and S. P. R. R. Proportion of Division St. sewer	7,529.63	
	Payment by Ocean Shore R. R.	222.26	7,751.89
	Miscellaneous. Teachers' Institute	590.00	
	Sale of Material, Hospital	255.01	
	Mayor	4,100.45	
	School	100.00	

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RECEIPTS OF THE LAST FISCAL YEAR—Continued

6. Miscellaneous

Recorder	657.50	
Advertising	9,800.04	
Interest on deposits of county moneys	79,923.50	
Bonds sold	42,502.69	
Rents	79,537.20	
Over payments of salaries	173.90	
Franchises	69,229.65	
Rebates and refunds	212,399.81	
Forfeitures of contract	7,381.52	
Police relief	23,060.13	
Park	43,814.63	
Building permits	31,158.40	
Taking down trolleys	39.05	
Water works	4,246.35	
Cash found on decedents	112.45	
Damages to Third St. bridge	200.00	
Damages to hydrants	8.60	
Septic tank	1,245.00	610,535.88

7. From State for County Purposes

Bond interest and principal. (Chapter 335, Sec. 39; Chapter 602, Statutes of 1911)	124,429.42	
School moneys apportionment	586,214.78	
Maintenance of fire boats	33,285.91	
Support of orphans	77,560.66	
Commission from State on P. P. and Poll tax	16,505.25	837,996.02

8. Sale of Bonds. School Bonds 1904 3½%

	188,900.00	
Sewer bonds, 1904 3½%	211,200.00	
Geary street 1910 4½%	802,074.00	
Hetch Hetchy 1910 4½%	990,000.00	
Fire protection 5% 1908	339,344.64	
Garbage system 1908 5%	8,000.00	
Hall of Justice	144,578.00	
Hospital	207,049.00	
School	525,788.00	
Sewer	636,257.36	4,053,191.00

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RECEIPTS OF THE LAST FISCAL YEAR—Continued

9. Special Receipts, not Available for County Purposes		
Corporation taxes from Assessor..	6,428.97	
Corporation taxes from Tax Collector	35,176.39	
Redemption of property sold to State	5,622.69	
Sales of property by State	1,369.41	
Fines, pure food law	140.00	
Bail moneys	549,775.00	
Inheritance taxes	508,829.87	
Poll taxes	90,890.20	
State taxes	240,458.88	
Support of inmates, feeble-minded home	30,675.00	
Whittier State School	964.61	
Preston School of Industry	9,426.84	1,479,757.94
Total Receipts		18,576,194.64

EXPENDITURES FOR THE LAST FISCAL YEAR.

1. General Government		
Civil Service	14,347.58	
District Attorney	60,718.50	
Sheriff	129,191.39	
County Clerk, see below judicial		
Auditor	42,287.58	
Treasurer	23,307.28	
Tax and License Collector	72,990.71	
Assessor	106,112.02	
Recorder	79,267.64	
Official bonds	4,833.90	
Stationery	13,553.83	
Coroner	25,321.07	
Mayor	24,582.83	
Board of Supervisors	126,634.03	
Elections	291,695.99	
Public work, general department	280,958.31	
Department of electricity	106,951.36	
Advertising resolutions	6,699.06	
Celebrations	3,646.00	1,413,099.08
2. Protection of Life, Health and Property		
General Office	127,346.96	
Emergency Hospital	94,376.71	
Hospital for contagious diseases (isolation)	25,399.40	

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EXPENDITURES FOR THE LAST FISCAL YEAR—Continued

Humane officer, public pound	9,000.00	
Sanitation	19,831.47	
Police protection	1,659,746.44	
Fire protection	1,768,590.52	3,704,291.50
3. Judicial		
City and County Attorney	41,535.84	
Police Courts	25,645.13	
Superior Courts	78,832.18	
Justice's Courts	30,322.96	
Examination of insane	11,718.50	
County Clerk	113,809.28	
Probation officers	24,396.70	
Interpreters	9,500.00	
Grand jury	9,284.63	
Jury fees and witness expenses	28,336.47	
Law library	3,845.39	
Printing law and motion calendar	4,099.92	381,327.00
4. Public Buildings		
Rent and repairs	103,233.35	
Moving, equipping and repairs	83,923.65	
Civic center and City Hall plans	16,267.99	
Water for buildings	22,351.70	225,776.69
5. Education		
Maintenance & repairs to schools	204,982.76	
Elementary schools	1,194,663.95	
High schools	202,492.75	
Miscellaneous schools	106,165.40	
Teachers' institute and library	182.52	
Superintendent of schools	3,999.96	
Superintendent of schools deputies	11,976.00	
Board of education	11,947.50	
Board of education—office and shop employees (including janitors)	132,539.21	
County library	78,891.61	1,947,841.66
6. Charities and Corrections		
County jail—Care of prisoners	44,631.76	
Juvenile detention home—all expenses	15,729.59	
Hospital—Maintenance of building and care of inmates	197,131.13	

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EXPENDITURES FOR THE LAST FISCAL YEAR—Continued

Almshouse—Maintenance of building and repairs	16,550.74	
Care of inmates	198,808.35	
Burial of indigents	5,801.50	
Care of orphans and minors, non-sectarian schools	172,228.93	
Care of inmates at reform schools	14,583.09	
Care of inmates at Home for Feeble-minded Children	28,305.00	729,653.50
7. Highways, Bridges and Ferries		
Highways—Maintenance, cleaning and sweeping streets	306,729.20	
General repairs to streets	51,511.75	
Bridges—Construction	155,996.40	
Sewers and streets — Maintenance and repairs	708,609.50	
Assessment on land benefited	42,892.32	
Parks—Maintenance and repairs	394,836.91	
Lighting	401,305.06	
Playgrounds	77,608.29	
Safety stations	7,897.56	
Repairing cisterns	3,741.80	
Surveys	53,709.63	
Tunnels	2,789.12	
Tearing up streets, expense of property owners	53,787.37	2,261.414.91
Total ordinary expenditures		$10,663,404.34
8. Public Works (Construction): From the sale of Bonds		
Hospital bonds	548,950.31	
Hall of Justice	336,246.18	
Polytechnic High	191,950.39	
School	1,173,256.92	
Sewer	1,343,822.93	
Street	78,807.65	
Water supply	748,833.98	
Fire protection	936,984.94	
Garbage disposal	39,537.00	
Geary Street Railway	394,332.58	5,792,722.88
9. Bonded Interest and Redemption (all funds)		
Bond interest	897,223.00	
Bonds redeemed	579,000.00	1,476,223.00

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EXPENDITURES FOR THE LAST FISCAL YEAR—Continued

10.	**Miscellaneous, for County Purposes (Specify):**		
	Investigation, water supply	2,393.59	
	Investigation Street Railway System	13,435.86	
	Water works fund	5,015.26	20,844.71
	Total expenditures for county purposes		$17,853,194.93
	Refunds		688,704.23
	Total		18,641,899.16
11.	**State Settlements (Specify)**		
	Property taxes	190,423.19	
	Redemption of property sold to State	3,433.81	
	Whittier	613.60	
	Preston	4,975.39	
	Feeble minded	16,585.00	
	Inheritance	172,187.53	
	Poll tax	21,599.45	409,817.97
12.	**Miscellaneous, not for County Purposes (Specify)**		
	Property taxes	94,118.67	
	Redemption of Property	2,188.88	
	Whittier	381.29	
	Preston	4,451.45	
	Feeble minded	11,740.00	
	Inheritance	86,642.34	
	Poll tax	71,939.35	
	State land sales	1,369.41	
	Pure food fines	140.00	272,971.39
		682,789.36	

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VALUES OF PROPERTY IN, AND INDEBTEDNESS OF, EACH COUNTY FOR THE EXPOSITION

COUNTIES.	Classification.	Value of Real Estate.	Value of Improvements on Real Estate.	Value of Personal Property.	Money and Solvent Credits.	Value of Non-Operative Property.
Alameda	3d class	$131,675,500	$65,892,325	$17,366,957	$918,953	$215,853,735
Alpine	58th "	306,558	71,810	73,037	.....	451,405
Amador	41st "	3,203,261	1,521,465	592,815	700	5,318,241
Butte	19th "	11,514,905	4,609,790	3,440,125	33,804	19,598,624
Calaveras	40th "	3,490,660	1,688,410	689,365	15,840	5,883,775
Colusa	44th "	10,295,385	1,373,100	1,715,055	47,705	13,431,245
Contra Costa	16th "	21,624,425	7,565,010	7,594,385	446,330	37,230,150
Del Norte	56th "	4,398,800	240,735	309,921	2,241	4,861,697
El Dorado	45th "	3,787,200	1,186,655	782,311	1,385	5,739,551
Fresno	5th "	43,456,468	15,028,255	11,038,707	183,862	69,707,292
Glenn	46th "	12,189,837	1,175,775	1,822,713	30,600	15,218,925
Humboldt	15th "	25,337,910	4,182,330	2,890,454	960,585	33,371,279
Imperial	36th "	10,337,805	1,465,743	2,119,770	.....	13,923,318
Inyo	47th "	2,634,880	1,266,900	873,775	5,580	4,781,085
Kern	11th "	37,916,609	8,938,215	14,083,801	34,992	60,973,617
Kings	32d "	8,393,275	2,017,700	2,549,325	20,025	12,980,325
Lake	50th "	3,381,514	927,600	458,256	47,141	4,814,511
Lassen	52d "	3,774,680	708,680	1,344,436	100,763	5,928,559
Los Angeles	1st "	378,793,675	139,977,405	66,811,963	10,072,360	595,655,403
Madera	42d "	9,550,725	886,835	1,431,600	1,275	11,870,435
Marin	22d "	11,825,090	5,595,320	1,395,200	9,675	18,825,285
Mariposa	54th "	2,274,662	467,355	508,844	1,420	3,252,281
Mendocino	24th "	10,314,778	2,059,528	2,124,609	17,475	14,516,390
Merced	33d "	15,311,945	2,723,105	2,775,000	3,000	20,813,050
Modoc	49th "	4,061,326	862,205	1,429,278	76,680	6,429,489
Mono	57th "	625,100	213,725	393,475	4,700	1,237,000
Monterey	23d "	19,105,440	5,034,900	3,385,651	5,250	27,531,241
Napa	26th "	7,450,625	5,303,715	2,447,140	82,330	15,288,810
Nevada	34th "	2,990,470	2,479,735	903,105	11,660	6,384,970
Orange	14th "	26,138,845	6,699,535	5,601,305	57,355	38,497,040
Placer	31st "	5,497,690	2,502,110	865,405	30,400	8,895,605
Plumas	51st "	4,728,942	636,266	636,914	9,586	6,011,708
Riverside	13th "	15,562,574	7,445,045	2,295,670	.....	25,303,289
Sacramento	6th "	51,945,652	17,112,010	7,116,122	429,458	76,603,242
San Benito	43d "	4,930,280	1,422,850	1,191,060	.....	7,544,190
San Bernardino	8th "	23,138,920	13,210,205	2,226,000	69,120	38,644,245
San Diego	7th "	41,044,334	7,828,963	5,672,490	191,715	54,737,502
San Francisco	2d "	301,156,140	146,581,097	49,576,705	13,075,374	510,429,816
San Joaquin	9th "	35,901,269	11,929,795	6,467,513	595,276	54,896,853
San Luis Obispo	27th "	9,723,247	2,843,659	4,924,966	52,442	17,544,314
San Mateo	20th "	19,293,435	7,619,050	1,503,485	300,000	28,715,970
Santa Barbara	17th "	16,110,336	6,419,115	5,626,609	7,292	28,163,352
Santa Clara	4th "	42,876,990	21,446,865	5,713,720	184,840	70,222,415
Santa Cruz	21st "	10,595,185	5,230,495	1,907,575	30,865	17,764,120
Shasta	28th "	8,208,980	2,707,302	1,174,350	.....	12,090,632
Sierra	53d "	1,423,640	518,330	252,735	1,290	2,195,995
Siskiyou	29th "	12,212,990	2,361,230	2,774,135	102,330	17,450,685
Solano	18th "	14,010,829	5,680,779	2,538,380	20,512	22,250,500
Sonoma	10th "	20,959,870	10,281,230	4,550,905	81,610	35,873,615
Stanislaus	25th "	18,264,295	4,499,850	3,259,740	140,180	26,164,065
Sutter	48th "	5,194,970	1,087,070	1,017,175	36,255	7,335,470
Tehama	37th "	7,800,400	2,206,250	2,062,720	130,435	12,199,805
Trinity	55th "	2,359,515	346,467	284,222	12,028	3,002,232
Tulare	12th "	27,728,200	7,342,020	3,820,940	94,940	38,986,100
Tuolumne	39th "	5,352,890	2,335,355	770,515	16,660	8,475,420
Ventura	30th "	21,431,565	3,000,270	2,890,187	6,910	27,328,932
Yolo	35th "	13,896,980	2,936,590	2,372,870	46,055	19,262,495
Yuba	38th "	3,636,440	1,653,385	1,695,635	100,210	7,085,670
Totals		$1,571,101,911	$591,329,514	$284,141,121	$28,958,919	$2,475,531,465

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YEAR 1912, AND RATE OF TAXATION (STATE RATE, .044 CENTS FOR PURPOSES.)

Value of Property Assessed on Operative Roll.	Total Value of Property as Returned by Auditors.	Value of Railroads as Assessed by State Board of Equalization.	Grand Total Value of All Property.	Funded Debt.	Floating Debt with Estimated Interest.	Total County Indebtedness.	Total State and County Rate of Taxation each $100.
[illegible]	$236,781,478	$6,262,108	$243,043,586	.....	.....	.....	$ .88—$1.28
[illegible]	539,905	.....	539,905	$800	$10,894 00	$11,694 00	2.00
[illegible]	5,874,642	206,988	6,081,630	.....	.....	.....	1.70—2.09
[illegible]	21,904,193	3,565,804	25,469,997	.....	.....	.....	1.60—2.00
[illegible]	6,195,150	412,444	6,607,594	.....	.....	.....	1.95—2.35
[illegible]	13,779,843	905,438	14,685,281	.....	.....	.....	1.10—1.60
[illegible]	38,968,005	3,663,570	42,631,665	161,000	.....	161,000 00	1.10—1.50
[illegible]	4,880,765	.....	4,880,765	.....	2,337 00	2,357 00	1.20—1.70
[illegible]	6,007,480	777,690	6,785,170	120,000	.....	120,000 00	1.60—2.00
[illegible]	72,043,030	6,955,630	78,998,660	.....	.....	.....	1.18—1.58
[illegible]	15,468,271	1,511,861	16,980,132	450,000	.....	450,000 00	1.20—1.60
[illegible]	34,958,314	.....	34,958,314	.....	.....	.....	1.03—1.55
[illegible]	15,077,993	2,724,662	17,802,655	.....	.....	.....	1.30—1.80
[illegible]	5,413,812	855,050	6,268,862	48,000	.....	48,000 00	1.35—1.75
[illegible]	66,369,891	6,883,491	73,253,382	543,000	241,650 00	784,650 00	.85—1.20
[illegible]	13,378,565	1,977,921	15,356,486	.....	.....	.....	.99—1.52
[illegible]	4,824,106	.....	4,824,106	37,000	.....	37,000 00	1.50—1.90
[illegible]	5,990,675	1,440,730	7,431,405	.....	.....	.....	1.60—2.00
[illegible]	715,595,778	10,514,890	726,110,668	3,500,000	.....	3,500,000 00	.80—1.30
[illegible]	12,401,260	1,986,785	14,388,045	.....	.....	.....	1.15—1.55
[illegible]	19,567,015	1,436,970	21,003,985	.....	.....	.....	.97—1.32
[illegible]	3,266,526	300,789	3,567,315	.....	.....	.....	1.75
[illegible]	15,074,039	1,260,058	16,334,097	67,500	.....	67,500 00	1.30—1.90
[illegible]	21,443,035	3,558,539	25,001,574	50,000	.....	50,000 00	1.40—2.00
[illegible]	6,536,616	155,354	6,691,970	.....	.....	.....	.85—1.20
[illegible]	1,289,985	147,533	1,437,518	.....	.....	.....	2.25
[illegible]	28,173,951	3,595,944	31,769,895	62,000	.....	62,000 00	1.20—1.70
[illegible]	15,738,955	1,680,503	17,419,458	.....	.....	.....	1.20—1.60
[illegible]	7,060,295	1,039,759	8,100,054	.....	.....	.....	1.80—2.30
[illegible]	41,342,100	3,184,588	44,526,688	40,000	.....	40,000 00	1.05—1.45
[illegible]	9,918,905	3,460,311	13,379,216	8,000	.....	8,000 00	1.60—2.00
[illegible]	6,197,076	2,763,882	8,960,958	135,100	.....	135,100 00	1.60
[illegible]	26,215,929	5,316,758	31,532,687	150,000	.....	150,000 00	1.60—2.20
[illegible]	82,761,262	3,828,533	80,589,795	1,505,000	.....	1,505,000 00	1.17—1.64
[illegible]	7,701,280	482,747	8,184,027	210,000	.....	210,000 00	1.75—1.95
[illegible]	41,778,520	16,506,761	58,285,281	.....	.....	.....	1.35—1.95
[illegible]	56,823,524	2,317,473	59,140,997	1,188,000	.....	1,188,000 00	1.45—2.00
[illegible]	604,810,464	331,200	605,141,664	24,278,200	.....	24,278,200 00	2.094
[illegible]	58,339,216	6,376,441	64,715,657	1,850,000	.....	1,850,000 00	1.25—1.65
[illegible]	18,131,400	2,075,975	20,207,375	82,000	.....	82,000 00	1.35—1.85
[illegible]	29,672,625	1,066,416	30,739,041	151,000	.....	151,000 00	1.00—1.60
[illegible]	29,307,470	3,415,522	32,722,992	.....	.....	.....	1.40—2.00
[illegible]	75,463,925	2,523,631	77,987,556	300,000	.....	300,000 00	1.05—1.45
[illegible]	18,668,790	1,246,384	19,915,174	.....	.....	.....	1.40—2.00
[illegible]	13,296,445	2,345,855	15,642,300	.....	.....	.....	1.85—2.25
[illegible]	2,252,915	141,279	2,394,194	.....	.....	.....	1.55—2.05
[illegible]	19,148,925	2,434,220	21,583,145	.....	.....	.....	1.10—1.50
[illegible]	22,974,247	1,967,710	24,941,957	230,000	.....	230,000 00	1.20—1.60
[illegible]	36,995,050	3,115,533	40,110,583	274,000	.....	274 000 00	1.20—1.60
[illegible]	26,930,425	2,948,045	29,878,470	.....	.....	.....	1.40—1.80
[illegible]	7,528,689	1,655,879	9,184,568	.....	.....	.....	1.60—2.00
[illegible]	12,829,970	1,644,822	14,474,792	3,000	.....	3,000 00	1.35—1.75
[illegible]	3,052,887	.....	3,052,887	.....	.....	.....	2.50
[illegible]	40,271,948	5,125,666	45,397,614	.....	.....	.....	1.10—1.70
[illegible]	9,374,183	510,762	9,885,945	.....	.....	.....	1.40—1.90
[illegible]	27,923,617	2,839,382	30,763,999	420,000	.....	420,000 00	1.30—1.60
[illegible]	19,743,765	2,342,021	22,085,786	.....	.....	.....	.95—1.55
[illegible]	7,901,065	1,592,302	9,493,367	.....	.....	.....	2.30—2.70
[illegible]	$2,771,971,280	$147,371,609	$2,919,342,889	$35,863,600	$254,881 00	$36,118,481 00	

NOTE.—Where two rates of taxation are given, the lesser rate is that levied upon property situate within the limits of incorporated cities or towns, such property being exempt from road tax.

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G DEMANDS A
ENDED JUNE
LLER.

rs ds 912	Treasurer Receipts Changed Transfer
	$ 323
	549,775
	950,764
6.41	622,364
97.20	4,060,499
	6,066
	73,662
53.04	8,123,508
	2,990
	81,622
0.00	390,631
2.31	76,055
	2,000
	1,721,700
	245
	85,103
	15,450
	590
	94,734
5.00	9,843
	4,971
	1,285
	892
3.96	16,875,079

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G DEMANDS AN
ENDED JUNE 3
LLER.

rs ds 912	Treasurer's Receipts as Changed by Transfers
	$ 323.84
	549,775.06
	950,764.86
6.41	622,364.06
97.20	4,060,499.34
	6,066.76
	73,662.24
53.04	8,123,508.89
	2,990.06
	81,622.53
0.00	390,631.28
2.31	76,055.37
	2,000.06
	1,721,700.17
	245.06
	85,103.56
	15,450.86
	590.06
	94,734.15
	9,843.01
5.00	4,971.35
	1,285.56
	892.12
3.96	16,875,079.81

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Department of Elections Report

San Francisco, June 30, 1912.

Hon. James Rolph, Jr.,
Mayor, City and County, San Francisco.

Sir:—In compliance with Section 9, Article XVI of the Charter of the City and County of San Francisco.

The Board of Election Commissioners present herewith their Annual Report for the fiscal year ending June 30, 1912.

The report includes a financial statement of this Department together with a complete statement of votes cast at the Primary Municipal Election held September 26, 1911, and a complete statement of votes cast at the Special Election held October 10, 1911 on Constitutional Amendments and a complete statement of votes cast at the General Municipal Election held November 7, 1911 and a complete statement of votes cast at the Special Election held March 28, 1912 creating a Civic Center (Bonds) and a complete statement of votes cast at the Special Election held March 29, 1912 in-re purchase of telephone system, etc., and also a complete statement of votes cast at the Presidential Primary Election held May 14, 1912.

GEORGE UHL, President.
THOMAS V. CATOR,
JOHN P. HARE,
CHARLES L. QUEEN,
WILLIAM McDEVITT,
Board of Election Commissioners.

J. H. ZEMANSKY,
Registrar of Voters and Secretary of
Board of Election Commissioners.

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APPROPRIATIONS AND EXPENDITURES OF THE DEPARTMENT OF ELECTIONS FOR FISCAL YEAR ENDING JUNE 30, 1912.

Appropriation 1911-1912		$150,000.00
Appropriation additional		40,000.00
Appropriation additional		75,392.90
Total		$265,392.90

EXPENDITURES.

Salaries, Commissioners, Registrar, Clerks and Assistants	$ 71,769.28	
Salaries, Election Officers	78,270.00	
General Expenses	111,460.91	261,500.19
Surplus		3,892.71
Total		$265,392.90

INITIATIVE SPECIAL HELD MARCH 29, 1912.

Appropriation		$ 50,000.00
Expenditures	$ 31,336.88	
Surplus	18,663.12	
Total	$ 50,000.00	$ 50,000.00

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PRIMARY MUNICIPAL ELECTION, SEPTEMBER 26, 1911.

FOR MAYOR.

Assembly District.	Total Vote Polled.	L. Boggione	P. H. McCarthy	W. McDevitt	J. Rolph, Jr.	F. Sibert
Twenty-eighth	1,522	2	780	102	610	8
Twenty-ninth	1,175	1	631	87	440	4
Thirtieth	1,523	3	824	98	582	8
Thirty-first	2,915	3	1,592	199	1,083	11
Thirty-second	5,740	1	2,767	368	2,559	9
Thirty-third	7,876	9	3,797	672	3,339	21
Thirty-fourth	8,054	2	3,143	378	4,462	25
Thirty-fifth	5,216	1	1,707	230	3,247	16
Thirty-sixth	3,227	2	1,384	220	1,614	8
Thirty-seventh	7,635	3	1,951	268	5,375	18
Thirty-eighth	5,497	4	1,626	313	3,522	14
Thirty-ninth	10,781	1	2,713	443	7,545	25
Fortieth	4,064	1	820	145	3,076	8
Forty-first	4,578	6	1,016	112	3,415	8
Forty-second	2,241	1	424	56	1,747	3
Forty-third	2,503	3	434	50	2,001	16
Forty-fourth	2,404	4	679	80	1,619	4
Forty-fifth	2,068	4	779	72	1,191	3
Total	79,019	51	27,067	3,893	47,427	209

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FOR CITY ATTORNEY.

Assembly District.	C. J. H. Berg	Percy V. Long	W. H. Sigourney
Twenty-eighth	79	1,168	109
Twenty-ninth	77	863	111
Thirtieth	79	1,147	138
Thirty-first	168	2,300	240
Thirty-second	295	4,600	473
Thirty-third	350	6,176	820
Thirty-fourth	848	6,766	507
Thirty-fifth	224	4,315	325
Thirty-sixth	144	2,587	290
Thirty-seventh	344	6,611	406
Thirty-eighth	257	4,510	449
Thirty-ninth	352	9,302	682
Fortieth	173	3,526	180
Forty-first	171	3,992	203
Forty-second	66	1,947	124
Forty-third	98	2,225	100
Forty-fourth	123	1,919	152
Forty-fifth	121	1,608	103
Total	3,469	65,562	5,412

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FOR ASSESSOR.

Assembly District.	Washington Dodge	H. F. Sahlender	William Schwarz
Twenty-eighth	1,103	115	83
Twenty-ninth	782	110	74
Thirtieth	1,129	137	92
Thirty-first	2,246	253	125
Thirty-second	4,474	442	237
Thirty-third	6,084	815	876
Thirty-fourth	6,761	499	281
Thirty-fifth	4,261	272	230
Thirty-sixth	2,561	295	162
Thirty-seventh	6,533	404	224
Thirty-eighth	4,354	351	243
Thirty-ninth	9,339	566	335
Fortieth	3,539	164	119
Forty-first	3,931	152	140
Forty-second	1,946	86	86
Forty-third	2,217	93	78
Forty-fourth	1,897	112	124
Forty-fifth	1,637	115	108
Total	64,794	4,981	3,117

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FOR AUDITOR.

Assembly District.	T. F. Boyle	W. J. Davies	A. K. Gifford	J. Lackmann	C. W. Reed
Twenty-eighth	738	49	97	342	145
Twenty-ninth	577	25	81	254	119
Thirtieth	801	25	112	347	130
Thirty-first	1,468	39	210	752	249
Thirty-second	2,790	115	408	1,684	480
Thirty-third	3,911	177	714	1,948	741
Thirty-fourth	3,486	107	358	2,662	1,173
Thirty-fifth	2,136	73	222	1,912	697
Thirty-sixth	1,448	60	232	1,026	343
Thirty-seventh	2,862	161	279	2,920	1,217
Thirty-eighth	2,334	100	295	1,847	716
Thirty-ninth	3,779	118	418	4,058	2,004
Fortieth	1,306	51	118	1,739	611
Forty-first	1,833	81	108	1,838	642
Forty-second	725	28	60	926	411
Forty-third	810	46	53	1,074	433
Forty-fourth	975	62	79	765	347
Forty-fifth	1,038	44	64	589	183
Total	33,017	1,311	3,908	26,683	10,641

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FOR COUNTY CLERK.

Assembly District.	F. Carroll	W. J. Kennedy	M. H. Morris	Harry I. Mulcrevy
Twenty-eighth	58	96	103	1,116
Twenty-ninth	36	76	101	858
Thirtieth	42	88	129	1,151
Thirty-first	83	148	244	2,230
Thirty-second	136	318	452	4,531
Thirty-third	172	356	766	6,162
Thirty-fourth	154	404	502	6,712
Thirty-fifth	97	350	280	4,254
Thirty-sixth	94	200	263	2,512
Thirty-seventh	142	539	358	6,368
Thirty-eighth	131	359	403	4,369
Thirty-ninth	215	658	572	8,905
Fortieth	68	221	200	3,398
Forty-first	80	279	165	3,860
Forty-second	37	182	97	1,838
Forty-third	47	209	78	2,089
Forty-fourth	78	197	120	1,842
Forty-fifth	80	129	91	1,613
Total	1,750	4,804	4,919	68,808

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FOR SHERIFF.

Assembly District.	L. J. Dolan	F. Eggers	T. F. Finn	J. F. Holland	T. J. Mooney	E. Schoenitzer
Twenty-eighth	181	394	789	14	64	7
Twenty-ninth	122	280	651	8	59	6
Thirtieth	193	455	720	22	87	11
Thirty-first	358	941	1,829	29	150	22
Thirty-second	897	1,945	2,416	52	267	17
Thirty-third	2,008	2,197	2,943	74	488	26
Thirty-fourth	1,702	3,203	2,611	84	281	48
Thirty-fifth	1,213	2,016	1,667	49	154	19
Thirty-sixth	382	1,551	1,038	25	144	18
Thirty-seventh	1,730	3,251	2,157	187	183	27
Thirty-eighth	1,104	2,023	1,912	115	216	26
Thirty-ninth	2,269	4,859	3,252	290	303	53
Fortieth	1,004	1,507	1,290	68	98	17
Forty-first	1,129	1,835	1,266	85	74	8
Forty-second	513	885	704	57	39	4
Forty-third	649	963	744	52	35	14
Forty-fourth	401	787	1,023	47	50	8
Forty-fifth	353	691	804	90	41	8
Total	16,208	29,283	27,316	1,348	2,733	339

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FOR TREASURER.

Assembly District.	Oliver Everett	Wenzl Hammerlindl	J. E. McDougald
Twenty-eighth	167	58	1,117
Twenty-ninth	145	86	847
Thirtieth	174	43	1,129
Thirty-first	298	70	2,228
Thirty-second	637	114	4,522
Thirty-third	1,009	216	5,962
Thirty-fourth	709	183	6,961
Thirty-fifth	429	82	4,390
Thirty-sixth	347	84	2,556
Thirty-seventh	601	161	6,332
Thirty-eighth	571	99	4,365
Thirty-ninth	807	198	9,152
Fortieth	295	74	3,495
Forty-first	302	66	3,935
Forty-second	165	31	1,919
Forty-third	168	36	2,137
Forty-fourth	216	51	1,867
Forty-fifth	208	90	1,468
Total	7,288	1,692	64,882

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FOR TAX COLLECTOR.

Assembly District.	D. Bush	S. A. Byrne	R. H. Fitzgerald	J. Holler	D. Milder	J. I. Twohig
Twenty-eighth	577	436	138	38	90	56
Twenty-ninth	428	354	88	22	95	62
Thirtieth	489	498	127	36	181	103
Thirty-first	1,024	958	170	64	216	225
Thirty-second	1,935	1,856	286	123	459	768
Thirty-third	2,593	3,173	398	147	714	329
Thirty-fourth	4,155	2,105	420	133	430	432
Thirty-fifth	2,659	1,410	223	53	243	402
Thirty-sixth	1,462	875	195	67	240	206
Thirty-seventh	4,743	994	702	149	335	410
Thirty-eighth	3,242	772	560	124	346	166
Thirty-ninth	6,868	1,692	953	127	468	318
Fortieth	2,943	374	256	33	129	127
Forty-first	3,123	633	304	38	127	140
Forty-second	1,565	226	182	16	75	52
Forty-third	1,910	242	217	32	54	59
Forty-fourth	1,368	338	300	45	94	50
Forty-fifth	891	568	215	63	72	41
Total	41,975	17,499	5,729	1,310	4,318	3,941

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FOR RECORDER.

Assembly District.	A. Dijeau	Edmond Godchaux	J. J. Greif	F. Heimlich	H. Warnecke
Twenty-eighth	33	546	624	26	107
Twenty-ninth	24	374	507	16	121
Thirtieth	31	446	728	28	148
Thirty-first	47	976	1,331	48	247
Thirty-second	58	2,382	2,343	76	454
Thirty-third	133	2,891	3,358	87	822
Thirty-fourth	112	3,693	3,322	75	516
Thirty-fifth	80	2,379	2,075	78	318
Thirty-sixth	41	1,219	1,475	51	258
Thirty-seventh	72	4,210	2,695	53	307
Thirty-eighth	111	3,041	1,640	52	349
Thirty-ninth	120	6,692	2,723	96	559
Fortieth	50	2,744	861	60	159
Forty-first	56	2,897	1,222	37	157
Forty-second	33	1,439	539	24	65
Forty-third	25	1,717	549	26	69
Forty-fourth	53	1,312	628	36	145
Forty-fifth	57	936	705	60	86
Total	1,136	39,894	27,325	929	4,887

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FOR PUBLIC ADMINISTRATOR.

Assembly District.	E. G. Bath	M. J. Hynes	W. A. Pfeffer	G. A. Thibault
Twenty-eighth	563	663	108	22
Twenty-ninth	396	508	107	24
Thirtieth	487	691	136	30
Thirty-first	907	1,462	240	43
Thirty-second	1,714	3,117	466	73
Thirty-third	2,944	3,855	791	163
Thirty-fourth	2,286	4,794	495	100
Thirty-fifth	1,329	3,279	261	50
Thirty-sixth	985	1,754	247	48
Thirty-seventh	1,816	5,106	308	106
Thirty-eighth	1,326	3,412	363	85
Thirty-ninth	2,337	7,236	546	117
Fortieth	816	2,852	149	39
Forty-first	1,032	3,082	129	71
Forty-second	454	1,580	68	30
Forty-third	461	1,843	64	25
Forty-fourth	550	1,477	107	51
Forty-fifth	627	1,069	77	69
Total	21,030	47,780	4,662	1,146

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FOR CORONER.

Assembly District.	B. Apple	J. J. Crowley	F. T. Fitzgibbon	C. A. Glover	T. B. W. Leland	C. C. O'Donnell	M. B. Ryer	J. M. Toner	A. Woodhouse
Twenty-eighth	134	46	18	289	320	57	77	456	10
Twenty-ninth	112	19	22	214	201	32	76	402	12
Thirtieth	141	27	19	172	287	40	88	677	6
Thirty-first	243	125	38	350	492	38	172	1,294	21
Thirty-second	545	221	56	639	1,135	172	362	2,407	28
Thirty-third	735	136	64	897	1,748	215	704	3,034	31
Thirty-fourth	886	139	106	1,167	2,347	149	397	2,605	32
Thirty-fifth	691	264	87	767	1,400	79	215	1,569	13
Thirty-sixth	370	180	56	539	722	56	189	999	16
Thirty-seventh	1,292	160	242	1,275	2,706	127	309	1,354	17
Thirty-eighth	1,017	93	115	980	1,724	118	282	995	23
Thirty-ninth	1,490	150	219	1,574	4,202	228	434	2,047	32
Fortieth	743	44	88	667	1,684	62	133	530	14
Forty-first	618	50	95	737	2,043	104	134	611	6
Forty-second	328	20	66	414	979	40	61	280	1
Forty-third	371	40	80	404	1,162	32	52	302	9
Forty-fourth	328	35	76	478	779	61	153	363	5
Forty-fifth	195	38	28	636	544	34	43	417	5
Total	10,239	1,787	1,475	12,199	24,475	1,644	3,881	20,342	281

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FOR SUPERVISOR.

Assembly District.	R. Allen	E. Apperson	A. Aronson	P. Bancroft	A. A. Banz	G. W. Bell	E. W. Bender	W. J. Berns
Twenty-eighth	119	71	144	426	39	61	130	38
Twenty-ninth	84	50	98	305	36	65	102	25
Thirtieth	116	53	97	337	29	72	117	18
Thirty-first	185	69	152	626	62	149	192	37
Thirty-second	352	149	337	1,452	100	215	378	49
Thirty-third	642	219	509	1,969	174	378	679	120
Thirty-fourth	370	288	915	2,898	426	299	397	88
Thirty-fifth	213	150	548	1,993	165	240	216	25
Thirty-sixth	176	99	303	946	71	186	192	20
Thirty-seventh	226	246	1,457	3,567	195	174	260	43
Thirty-eighth	266	209	962	2,230	106	164	320	40
Thirty-ninth	386	434	2,103	5,040	255	230	437	52
Fortieth	97	174	1,189	1,914	95	64	118	19
Forty-first	91	151	1,137	2,157	105	152	97	6
Forty-second	51	107	530	1,228	82	55	52	11
Forty-third	34	119	635	1,343	49	41	52	15
Forty-fourth	71	101	461	852	47	38	71	15
Forty-fifth	43	61	180	576	93	139	94	40
Total	3,522	2,750	11,757	29,859	2,079	2,722	3,904	661

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FOR SUPERVISOR

Assembly District.	M Berwin	G. Blodes	J. B. Bocarde	J. P. Booth	G. Bostel	P. J. Boyle	C. M. Bredhoff	Wm. G. Burke
Twenty-eighth	37	45	239	251	103	206	115	50
Twenty-ninth	21	29	191	141	72	180	52	42
Thirtieth	17	22	211	146	88	160	75	47
Thirty-first	38	26	526	303	155	508	120	64
Thirty-second	31	46	1,151	724	304	1,230	341	152
Thirty-third	74	61	1,274	926	599	706	349	210
Thirty-fourth	77	86	2,050	1,362	330	658	542	171
Thirty-fifth	44	26	1,418	917	181	404	395	69
Thirty-sixth	31	29	570	407	154	254	184	84
Thirty-seventh	133	55	2,257	1,790	221	506	815	169
Thirty-eighth	104	146	1,248	1,044	251	402	408	104
Thirty-ninth	86	58	3,545	2,647	320	689	948	181
Fortieth	50	34	1,206	1,015	95	200	321	59
Forty-first	23	14	1,520	1,221	80	323	288	92
Forty-second	31	16	738	557	45	189	180	43
Forty-third	38	23	822	682	42	202	181	31
Forty-fourth	42	28	559	429	68	237	220	129
Forty-fifth	44	48	502	323	78	175	254	87
Total	921	792	20,027	14,885	3,186	7,229	5,788	1,784

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FOR SUPERVISOR

Assembly District.	G. E. Caglieri	E. A. Calegaris	D. Campbell	J. J. Carroll	M. Casey	T. A. Casserly	F. J. Clancy
Twenty-eighth	156	54	109	97	527	462	77
Twenty-ninth	97	46	85	57	409	358	74
Thirtieth	107	26	104	80	580	504	76
Thirty-first	213	45	227	112	1,041	956	160
Thirty-second	496	117	409	153	1,917	1,845	245
Thirty-third	791	168	646	217	2,542	2,914	384
Thirty-fourth	1,174	168	389	198	2,162	2,322	751
Thirty-fifth	738	95	231	116	1,144	1,297	236
Thirty-sixth	332	74	195	108	939	910	165
Thirty-seventh	1,565	220	369	228	1,463	1,234	289
Thirty-eighth	854	99	285	301	1,053	870	202
Thirty-ninth	2,188	232	343	172	1,842	1,506	223
Fortieth	1,001	107	92	103	518	406	99
Forty-first	1,554	289	108	69	617	557	136
Forty-second	590	65	61	52	292	240	76
Forty-third	749	71	46	71	306	235	79
Forty-fourth	698	206	108	129	496	380	148
Forty-fifth	1,012	390	97	81	470	559	194
Total	14,315	2,472	3,904	2,344	18,318	17,555	3,614

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FOR SUPERVISOR

Assembly District.	J. Clark	J. W. Collins	J. D. Condon	B. Lawrence Conlon	J. J. Conlon	T. H. Corcoran	H. D. Corlette	L. H. Cosper
Twenty-eighth	39	41	71	141	374	68	9	18
Twenty-ninth	29	31	66	70	290	53	11	7
Thirtieth	27	43	77	100	372	84	7	18
Thirty-first	63	75	161	144	672	156	17	26
Thirty-second	111	124	223	300	1,079	480	61	57
Thirty-third	128	551	285	444	1,606	606	45	49
Thirty-fourth	99	135	334	328	1,393	703	24	43
Thirty-fifth	44	69	141	216	735	939	30	23
Thirty-sixth	47	56	159	127	555	222	25	30
Thirty-seventh	86	67	285	359	829	389	41	30
Thirty-eighth	56	50	153	196	821	237	51	24
Thirty-ninth	71	65	262	275	1,006	313	28	33
Fortieth	13	28	70	119	333	130	26	17
Forty-first	38	62	93	126	381	137	38	16
Forty-second	27	15	37	75	171	82	19	10
Forty-third	25	29	58	98	182	99	34	27
Forty-fourth	78	61	132	215	337	116	56	38
Forty-fifth	62	67	88	153	372	110	61	34
	1,043	1,569	2,695	3,481	11,508	4,924	583	500

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FOR SUPERVISOR

Assembly District.	G. J. Curren	E. L. Cutten	J. Czinger	L. M. Dafferner	J. H. Daley	C. E. Davis	C. Deasy	P. J. Diez	K. J. Doyle	T. J. Duffy
Twenty-eighth	64	232	13	10	115	39	578	33	121	24
Twenty-ninth	44	170	8	10	71	23	477	31	97	20
Thirtieth	72	166	18	11	150	34	665	48	122	37
Thirty-first	111	421	22	26	192	52	1,200	115	216	45
Thirty-second	150	846	38	29	348	84	2,075	174	394	53
Thirty-third	351	1,028	54	34	362	118	2,741	207	684	78
Thirty-fourth	209	1,728	48	31	353	95	2,508	197	427	73
Thirty-fifth	114	1,233	31	17	261	101	1,451	109	248	57
Thirty-sixth	92	563	33	18	219	67	1,034	101	226	39
Thirty-seventh	104	2,059	30	33	335	196	1,435	178	253	53
Thirty-eighth	67	1,222	27	26	182	158	1,077	76	261	31
Thirty-ninth	139	3,189	31	23	363	382	1,861	542	407	104
Fortieth	55	1,388	24	14	110	157	641	44	135	32
Forty-first	84	1,425	16	12	200	161	838	57	128	44
Forty-second	40	714	11	22	108	122	371	53	102	41
Forty-third	50	1,052	24	24	130	99	412	44	72	31
Forty-fourth	128	681	34	17	194	96	563	64	119	48
Forty-fifth	108	337	20	22	419	42	641	54	94	34
	1,972	18,454	482	379	4,112	2,026	20,563	2,127	4,106	844

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FOR SUPERVISOR.

Assembly District.	J. H. Dumbrell	E. Dunn	T. F. Dunn	M. Eagan	W. F. Enright	J. J. Feeney	L. Ferrari	W. A. Finnigan	T. J. Fitzsimmons	J. C. Flugger	L. I. Fortin
Twenty-eighth	24	52	64	96	26	42	22	37	40	44	69
Twenty-ninth	13	43	79	71	16	42	17	37	28	47	70
Thirtieth	19	51	147	120	31	34	20	75	31	77	90
Thirty-first	57	100	251	217	32	60	68	120	40	115	149
Thirty-second	134	221	576	342	65	71	215	213	89	250	287
Thirty-third	124	257	582	636	82	115	314	221	140	299	572
Thirty-fourth	204	401	1,029	403	118	163	154	232	157	443	315
Thirty-fifth	137	285	622	217	69	86	112	136	80	210	168
Thirty-sixth	56	145	503	198	40	47	63	103	55	146	151
Thirty-seventh	263	390	849	223	142	122	110	194	131	341	174
Thirty-eighth	171	196	372	238	224	152	97	166	136	272	226
Thirty-ninth	628	606	861	363	171	182	176	173	357	1,429	304
Fortieth	419	199	261	114	60	69	67	67	66	161	86
Forty-first	232	227	398	169	111	166	287	131	133	220	117
Forty-second	104	117	208	78	53	71	69	72	67	110	45
Forty-third	115	119	202	50	60	109	79	51	63	93	44
Forty-fourth	97	99	169	77	26	120	119	65	57	54	66
Forty-fifth	92	119	159	66	34	88	665	67	60	96	71
	2,889	3,627	7,332	3,678	1,360	1,739	2,654	2,160	1,730	4,407	3,004

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FOR SUPERVISOR.

Assembly District.	A. J. Gallagher	G. E. Gallagher	J. Gallagher	J. E. Galland	T. P. Galvin	A. George	F. C. Gerdes	C. Goldberg	J. M. Gregory	H. Hackman	A. E. Hackmeier
Twenty-eighth	561	278	70	26	41	55	79	65	34	34	75
Twenty-ninth	500	203	60	16	20	39	97	44	18	28	45
Thirtieth	663	223	86	43	27	44	124	65	16	29	56
Thirty-first	1,318	460	224	36	43	146	235	95	22	45	110
Thirty-second	2,400	1,164	602	93	86	441	699	167	58	105	197
Thirty-third	3,310	1,501	755	116	113	524	1,009	252	94	152	281
Thirty-fourth	3,170	2,061	330	95	82	400	893	291	104	121	270
Thirty-fifth	1,691	1,417	246	64	44	182	911	157	40	55	142
Thirty-sixth	1,213	645	143	44	27	104	308	119	26	40	104
Thirty-seventh	1,975	2,479	246	171	95	270	601	377	113	79	307
Thirty-eighth	1,457	1,497	215	152	63	212	360	513	52	100	319
Thirty-ninth	2,660	3,007	357	255	74	407	605	544	568	117	436
Fortieth	744	1,343	289	213	109	186	198	584	89	108	343
Forty-first	1,133	1,473	177	175	468	303	286	278	92	111	255
Forty-second	512	726	65	69	85	128	132	159	54	37	89
Forty-third	497	894	69	74	53	86	114	142	34	35	80
Forty-fourth	551	592	76	80	34	104	103	111	36	45	81
Forty-fifth	548	464	117	63	76	146	149	95	47	82	130
	24,903	20,427	4,127	1,785	1,540	3,777	6,903	14,058	1,497	1,828	3,320

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FOR SUPERVISOR

Assembly District.	W. R. Hagerty	G. R. Harris	J. E. Hayden	F. N. Hayman	F. Head	T. B. Healy	G. E. Heinz	B. Henley	J. L. Herget
Twenty-eighth	446	63	349	52	20	410	37	79	445
Twenty-ninth	384	64	284	40	21	312	30	40	345
Thirtieth	434	48	277	56	20	442	27	48	477
Thirty-first	837	59	594	193	76	971	93	99	912
Thirty-second	1,540	216	1,403	368	174	1,881	210	208	1,459
Thirty-third	2,076	196	1,545	580	215	2,130	214	277	2,053
Thirty-fourth	1,786	147	2,342	402	242	1,637	295	383	1,712
Thirty-fifth	938	107	1,488	377	200	900	224	223	1,013
Thirty-sixth	722	88	855	195	66	677	98	117	807
Thirty-seventh	1,142	248	3,136	227	182	849	198	471	1,418
Thirty-eighth	853	222	1,851	167	84	608	135	333	1,150
Thirty-ninth	1,583	509	4,853	519	432	1,413	366	943	2,124
Fortieth	488	205	1,952	135	116	397	106	414	701
Forty-first	643	187	2,111	111	96	556	135	457	869
Forty-second	245	155	1,029	56	46	192	32	229	369
Forty-third	243	136	1,222	62	44	167	40	228	435
Forty-fourth	429	150	905	99	48	318	46	182	509
Forty-fifth	415	193	507	111	47	303	81	98	527
Total	15,154	2,988	26,653	3,750	2,129	14,163	2,367	4.829	17,325

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FOR SUPERVISOR

Assembly District.	T. O. Heydenfeldt	F. L. Hilmer	O. Hocks	C. W. Hogue	J. E. Hunsicker	J. Hurley	A. N. Jackson	Thomas Jennings
Twenty-eighth	27	252	447	77	40	57	14	298
Twenty-ninth	25	164	302	71	28	69	17	196
Thirtieth	35	198	408	85	25	129	30	236
Thirty-first	101	403	871	171	101	188	24	473
Thirty-second	164	932	1,926	381	203	352	62	1,027
Thirty-third	189	1,159	2,354	575	206	362	85	1,315
Thirty-fourth	237	1,845	3,291	324	323	300	55	2,195
Thirty-fifth	171	1,105	2,078	206	200	233	70	1,548
Thirty-sixth	181	583	1,257	191	168	207	40	756
Thirty-seventh	246	2,589	3,966	226	622	277	101	2,968
Thirty-eighth	246	1,491	3,092	321	449	257	190	2,204
Thirty-ninth	424	4,150	6,041	433	697	440	301	4,957
Fortieth	175	1,645	2,408	103	190	120	111	1,967
Forty-first	105	1,823	2,625	105	166	228	62	2,232
Forty-second	68	945	1,309	59	60	65	50	1,132
Forty-third	41	1,192	1,509	51	82	55	49	1,362
Forty-fourth	66	776	1,141	103	76	75	57	904
Forty-fifth	51	365	755	44	72	60	35	409
Total	2,552	21,560	35,780	3,476	3,708	3,469	1,353	26,255

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FOR SUPERVISOR

Assembly District.	W. Jordan	A. Kantor	E. Kantor	J. A. Keefe	J. A. Kelley	C. F. Kenneally	J. A. Keogh	J. M. Kessen	William Koehler
Twenty-eighth	130	4	10	75	393	78	62	13	37
Twenty-ninth	73	9	6	67	324	68	25	15	45
Thirtieth	104	10	22	80	475	100	57	26	64
Thirty-first	210	26	23	132	840	205	112	32	49
Thirty-second	458	28	29	242	1,475	296	204	86	116
Thirty-third	419	36	41	721	1,931	320	340	163	122
Thirty-fourth	341	31	25	326	1,779	370	585	141	139
Thirty-fifth	265	25	23	294	1,017	221	314	103	100
Thirty-sixth	222	19	20	174	781	197	189	38	68
Thirty-seventh	453	28	29	415	1,516	516	753	188	211
Thirty-eighth	693	86	72	503	977	379	495	189	199
Thirty-ninth	686	105	71	816	1,837	405	940	320	283
Fortieth	364	40	27	217	455	123	366	67	101
Forty-first	295	25	25	287	549	201	440	74	111
Forty-second	167	11	6	196	219	59	229	41	50
Forty-third	169	25	18	206	235	76	328	40	59
Forty-fourth	255	46	22	204	334	83	214	59	76
Forty-fifth	178	10	16	77	334	101	120	21	43
Total	5,482	564	485	5,032	15,471	3,798	5,773	1,566	1,873

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FOR SUPERVISOR.

Assembly District	A. Koshland	R. Larkins	C. K. Lehman	I. Leipsic	M. E. Licht	A. S. Lillie	J. R. Long	E. J. Loughery	R. J. Loughery
Twenty-eighth	234	67	71	17	26	10	30	64	327
Twenty-ninth	144	58	71	15	24	20	40	79	240
Thirtieth	188	85	103	27	42	24	59	97	340
Thirty-first	359	160	160	41	68	39	79	161	654
Thirty-second	760	319	320	48	113	125	168	331	1,147
Thirty-third	967	499	524	95	192	202	205	433	1,777
Thirty-fourth	1,731	314	371	111	244	268	232	419	1,573
Thirty-fifth	1,123	196	196	57	165	216	147	250	950
Thirty-sixth	588	166	185	49	134	112	149	179	678
Thirty-seventh	2,628	277	308	255	488	185	326	425	1,147
Thirty-eighth	1,852	287	355	372	513	143	213	250	723
Thirty-ninth	4,078	363	428	245	446	264	313	517	1,440
Fortieth	1,800	103	124	180	284	60	112	128	370
Forty-first	1,878	90	108	68	97	85	114	169	500
Forty-second	1,010	51	64	65	91	61	70	76	209
Forty-third	1,127	45	56	71	91	52	61	69	191
Forty-fourth	816	75	72	49	61	39	59	87	214
Forty-fifth	378	35	49	22	31	18	33	87	222
Total	21,661	3,190	3,565	1,787	3,105	1,923	2,460	3,821	12,697

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FOR SUPERVISOR

Assembly District.	J. F. Lyons	J. A. Madden	H. F. Marshall	B. Mauzy	C. McCarthy	C. A. McCarthy	W. H. McCarthy	Geo. B. McClellan	C. A. McColm	J. A. McCormick
Twenty-eighth	305	215	87	256	96	249	816	41	247	55
Twenty-ninth	254	75	23	199	67	83	226	47	192	42
Thirtieth	288	116	28	191	71	76	270	70	244	25
Thirty-first	594	215	47	377	98	103	514	97	461	58
Thirty-second	1,132	377	69	863	206	260	1,856	318	818	78
Thirty-third	1,536	372	186	1,191	286	357	1,974	255	1,426	127
Thirty-fourth	1,389	434	182	1,928	300	365	2,800	350	1,166	127
Thirty-fifth	692	260	89	1,419	166	243	2,420	238	605	142
Thirty-sixth	599	290	140	832	178	175	975	179	443	84
Thirty-seventh	800	770	407	2,910	403	328	3,628	341	550	290
Thirty-eighth	592	299	178	1,948	297	241	2,165	199	449	104
Thirty-ninth	1,080	503	241	4,487	485	396	4,531	344	877	204
Fortieth	283	178	64	1,773	146	171	1,904	105	194	68
Forty-first	357	215	95	1,847	558	308	2,019	157	275	49
Forty-second	147	104	64	1,003	104	105	1,039	70	111	25
Forty-third	150	110	47	1,130	136	94	1,256	68	88	36
Forty-fourth	197	120	35	741	142	113	896	70	130	32
Forty-fifth	250	161	45	327	162	153	657	61	175	37
Total	10,645	4,814	1,977	23,367	3,901	3,815	28,941	3,010	8,451	1,578

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FOR SUPERVISOR

Assembly District	S. McOne	A. McDonald	F. McGlynn	T. McKeon	C. L. McLean	R. McLeran	T. S. McMann	R. H. McPherson	M. Merigan
Twenty-eighth	41	35	25	69	64	172	20	24	18
Twenty-ninth	33	19	8	47	30	133	15	15	15
Thirtieth	46	14	16	137	15	147	29	5	12
Thirty-first	99	31	10	267	44	360	70	41	30
Thirty-second	231	75	40	937	179	741	76	64	80
Thirty-third	358	119	61	563	205	1,106	85	92	107
Thirty-fourth	360	98	55	577	156	1,595	188	205	144
Thirty-fifth	188	121	81	503	225	1,203	122	112	110
Thirty-sixth	225	69	47	278	88	597	59	55	57
Thirty-seventh	141	111	77	323	214	1,953	107	153	126
Thirty-eighth	100	78	56	217	164	1,351	84	96	156
Thirty-ninth	242	105	61	427	226	2,820	112	234	151
Fortieth	48	43	34	163	113	866	82	68	74
Forty-first	85	48	50	144	224	960	95	42	61
Forty-second	26	21	21	49	58	561	34	21	20
Forty-third	15	15	17	56	126	628	32	38	16
Forty-fourth	25	24	25	64	96	480	38	38	37
Forty-fifth	47	40	68	47	91	227	35	34	23
Total	2,310	1,066	752	4,868	2,318	15,895	1,283	1,337	1,237

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FOR SUPERVISOR

Assembly District	T. P. Minehan	H. E. Monroe	C. A. Moraghan	O. Mork	N. Morrissey	C. A. Murdock	D. C. Murphy	C. A. Nelson	S. A. Newman
Twenty-eighth	287	136	64	76	32	284	237	415	46
Twenty-ninth	230	80	50	62	35	189	163	325	28
Thirtieth	258	73	44	81	140	219	203	476	43
Thirty-first	646	192	131	159	212	479	372	1,002	56
Thirty-second	1,099	450	205	302	306	1,139	956	2,176	165
Thirty-third	1,488	640	234	642	314	1,682	1,492	3,210	269
Thirty-fourth	1,294	1,079	421	391	867	2,960	2,238	2,455	214
Thirty-fifth	740	719	271	216	289	1,956	1,475	1,317	149
Thirty-sixth	526	331	149	176	196	907	693	965	109
Thirty-seventh	703	1,332	443	217	213	3,303	2,367	1,262	298
Thirty-eighth	535	803	259	254	136	2,085	1,568	1,013	319
Thirty-ninth	1,014	1,994	520	355	268	4,955	3,295	1,709	353
Fortieth	316	859	231	104	87	1,891	1,161	481	210
Forty-first	350	1,123	293	91	93	2,182	1,421	581	147
Forty-second	120	493	126	40	25	1,131	809	246	91
Forty-third	142	645	185	20	41	1,307	906	227	142
Forty-fourth	202	451	131	73	37	877	637	336	151
Forty-fifth	232	261	77	51	53	492	387	390	57
Total	10,182	11,661	3,834	3,310	3,344	28,038	20,380	18,586	2,842

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FOR SUPERVISOR

Assembly District	E. L. Nolan	J. I. Nolan	M. O'Connell	C. D. O'Connor	J. H. O'Connor	T. P. O'Dowd	J. P. Olwell	H. Payot	J. Pedler
Twenty-eighth	208	457	23	30	40	320	34	232	7
Twenty-ninth	146	378	9	20	26	262	24	164	16
Thirtieth	252	564	30	36	60	382	19	213	36
Thirty-first	447	1,145	44	69	120	781	50	455	65
Thirty-second	993	1,927	75	148	348	1,234	86	1,149	233
Thirty-third	1,747	3,060	250	305	498	2,032	233	1,640	487
Thirty-fourth	1,952	2,717	204	348	287	1,599	205	2,705	190
Thirty-fifth	1,251	1,485	85	190	195	820	119	1,713	141
Thirty-sixth	673	1,055	59	92	113	611	84	826	64
Thirty-seventh	1,644	1,469	112	186	209	830	160	3,354	131
Thirty-eighth	1,144	1,110	86	100	150	624	134	2,034	127
Thirty-ninth	2,173	2,025	157	223	669	1,283	619	4,658	158
Fortieth	616	539	47	62	84	274	93	1,966	36
Forty-first	722	705	46	65	51	369	99	2,174	3
Forty second	479	272	30	39	39	139	39	1,026	19
Forty-third	466	301	23	33	27	143	56	1,256	27
Forty-fourth	405	396	44	84	71	228	34	790	24
Forty-fifth	238	463	29	39	34	207	42	479	32
Total	15,556	20,068	1,358	2,069	3,021	12,138	2,130	26,885	1,830

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FOR SUPERVISOR

Assembly District	J. J. Phillips	T. J. Pinther	J. L. Polito	A. D. Porter	C. A. Preston	W. C. Pugh	E. L. Reguin	J. M. Reynolds
Twenty-eighth	122	17	83	167	65	296	84	64
Twenty-ninth	69	14	87	140	70	267	96	69
Thirtieth	94	27	130	137	87	343	126	92
Thirty-first	204	48	230	278	164	639	298	175
Thirty-second	579	201	758	544	353	1,138	674	412
Thirty-third	915	493	1,133	919	693	1,835	1,146	677
Thirty-fourth	1,506	282	1,468	515	346	1,565	716	378
Thirty-fifth	893	155	780	408	190	794	416	218
Thirty-sixth	421	77	563	259	171	609	344	166
Thirty-seventh	1,567	179	1,068	496	241	1,198	447	265
Thirty-eighth	869	133	816	414	270	971	431	304
Thirty-ninth	2,500	191	1,508	509	361	1,520	609	391
Fortieth	889	81	505	204	90	401	151	110
Forty-first	1,025	101	624	178	81	312	153	100
Forty-second	525	42	374	146	48	210	83	58
Forty-third	571	31	405	133	46	217	71	46
Forty-fourth	370	45	286	133	60	305	93	55
Forty-fifth	265	31	459	163	39	260	57	36
Total	13,384	2,148	11,277	5,743	3,375	12,880	5,995	3,616

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FOR SUPERVISOR

Assembly District	W. W. Richardson	C. Rodden	C. Rubenstein	A. Russell	E. J. Ryan	J. C. Sala	J. Sasche	F. J. Schmidt	S. Schulberg
Twenty-eighth	28	36	16	125	41	15	14	32	76
Twenty-ninth	26	64	12	92	28	9	6	23	79
Thirtieth	44	280	32	72	42	19	15	29	88
Thirty-first	110	329	67	282	132	109	53	104	206
Thirty-second	230	387	122	530	238	289	89	213	393
Thirty-third	278	483	125	710	300	372	77	236	629
Thirty-fourth	242	333	115	984	171	320	51	305	388
Thirty-fifth	154	206	75	667	133	401	29	109	196
Thirty-sixth	76	178	65	300	77	129	37	74	213
Thirty-seventh	121	200	213	1,275	146	239	43	180	271
Thirty-eighth	118	136	175	737	128	140	41	118	310
Thirty-ninth	107	172	140	2,353	126	336	43	162	354
Fortieth	38	55	96	768	44	128	18	45	132
Forty-first	56	76	47	968	71	289	22	80	86
Forty-second	26	41	35	512	33	64	9	37	55
Forty-third	25	18	46	560	24	90	12	23	45
Forty-fourth	29	23	31	403	30	98	6	26	64
Forty-fifth	85	31	9	108	23	305	23	41	49
Total	1,793	3,048	1,421	11,441	1,787	3,352	588	1,837	3,634

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FOR SUPERVISOR

Assembly District.	I. Shenkan	S. D. Simons	T. B. Slevin	T. R. Smith	J. I. Sparrow	A. B. Steinau	G. F. Styche	E. C. Suetch	Fred Suhr
Twenty-eighth	12	65	31	22	51	16	60	13	114
Twenty-ninth	14	44	21	24	41	9	59	9	85
Thirtieth	9	59	93	46	136	31	100	38	203
Thirty-first	48	178	185	90	502	78	174	53	496
Thirty-second	56	317	958	327	753	124	273	64	1,122
Thirty-third	65	445	482	168	432	439	505	62	1,484
Thirty-fourth	60	670	480	103	437	129	284	61	1,399
Thirty-fifth	26	452	425	51	309	145	150	47	1,150
Thirty-sixth	28	235	140	55	244	66	158	37	529
Thirfy-seventh	53	800	278	89	339	60	186	32	1,277
Thirty-eighth	57	566	113	42	184	46	216	23	706
Thirty-ninth	40	1,036	240	99	286	74	286	34	921
Fortieth	28	426	88	36	126	45	88	20	468
Forty-first	14	453	92	43	156	26	71	23	554
Forty-second	16	253	48	26	58	20	35	5	206
Forty-third	20	294	47	17	52	12	29	10	199
Forty-fourth	14	190	23	23	48	23	33	8	217
Forty-fifth	16	172	37	38	87	31	40	17	222
Total	576	6,655	3,781	1,299	4,241	1,374	2,747	556	11,352

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FOR SUPERVISOR

Assembly District	J. J. Sullivan	J. J. Sweeney	J. W. Treadwell	J. C. Turner	L. Vanalstine	F. J. Vetter	A. T. Vogelsang
Twenty-eighth	51	94	86	25	66	24	281
Twenty-ninth	33	59	82	59	60	47	219
Thirtieth	95	124	122	71	101	107	259
Thirty-first	168	177	180	148	159	96	485
Thirty-second	221	220	330	188	289	178	1,067
Thirty-third	624	348	392	154	509	192	1,394
Thirty-fourth	219	296	699	124	300	258	2,208
Thirty-fifth	131	163	575	102	169	152	1,483
Thirty-sixth	100	117	257	68	161	106	709
Thirty-seventh	149	209	1,208	81	200	533	2,752
Thirty-eighth	106	132	775	62	245	291	1,774
Thirty-ninth	145	211	1,791	165	317	386	4,211
Fortieth	50	63	934	48	101	160	1,762
Forty-first	74	92	1,055	44	96	95	2,053
Forty-second	34	42	476	16	37	60	1,007
Forty-third	31	40	604	19	31	112	1,210
Forty-fourth	62	49	496	37	42	118	861
Forty-fifth	73	80	164	42	51	60	446
Total	2,366	2,516	10,226	1,448	2,934	2,970	24,181

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FOR SUPERVISOR

Assembly District	G. H. Von der Mehden	E. L. Wagner	W. E. Walker	J. O. Walsh	G. W. Watson	E. R. Zion	M. J. Gorman
Twenty-eighth	71	50	80	455	28	40	
Twenty-ninth	84	70	83	438	32	53	
Thirtieth	171	107	108	613	65	68	
Thirty-first	350	111	178	1,171	82	101	
Thirty-second	631	186	319	2,090	107	184	
Thirty-third	625	239	576	3,099	247	308	1
Thirty-fourth	773	247	326	2,650	188	383	
Thirty-fifth	531	147	196	1,526	138	291	
Thirty-sixth	283	111	162	995	180	165	
Thirty-seventh	811	224	214	1,370	115	364	
Thirty-eighth	494	193	267	1,023	95	328	
Thirty-ninth	877	266	362	2,003	120	618	
Fortieth	327	126	105	460	39	225	
Forty-first	316	158	90	668	34	239	
Forty-second	121	41	41	250	20	102	
Forty-third	133	59	43	350	16	139	
Forty-fourth	74	78	68	314	46	110	
Forty-fifth	112	62	50	381	42	75	
Total	6,784	2,475	3,263	19,756	1,594	3,793	1

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SPECIAL ELECTION HELD OCTOBER 10, 1911, ON CONSTITUTIONAL AMENDMENTS.

SENATE CONSTITUTIONAL AMENDMENT NO. 2, RELATING TO THE INSPECTION, MEASUREMENT AND GRADUATION OF MERCHANDISE, MANUFACTURED ARTICLES AND COMMODITIES.

Assembly District.	Total Vote Polled.	For.	Against.
Twenty-eighth	1,060	755	141
Twenty-ninth	808	559	112
Thirtieth	1,063	738	148
Thirty-first	1,997	1,416	241
Thirty-second	4,077	3,046	497
Thirty-third	5,687	4,385	590
Thirty-fourth	5,988	4,489	770
Thirty-fifth	4,001	2,984	552
Thirty-sixth	2,343	1,725	304
Thirty-seventh	5,952	4,146	1,145
Thirty-eighth	4,200	2,922	743
Thirty-ninth	8,528	6,132	1,500
Fortieth	3,244	2,002	851
Forty-first	3,609	2,318	926
Forty-second	1,625	1,117	329
Forty-third	1,838	1,195	415
Forty-fourth	1,714	1,001	464
Forty-fifth	1,532	827	400
Total	59,266	41,757	10,128

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SENATE CONSTITUTIONAL AMENDMENT NO. 5, RELATING TO CHARTERS OF COUNTIES, AND AMENDMENTS TO SUCH CHARTERS, AND TO THE SURRENDER THEREOF.

Assembly District.	For	Against
Twenty- eighth	553	222
Twenty-ninth	424	170
Thirtieth	541	224
Thirty-first	1,027	415
Thirty-second	2,190	899
Thirty-third	3,182	1,171
Thirty-fourth	3,321	1,345
Thirty-fifth	2,089	958
Thirty-sixth	1,227	508
Thirty-seventh	2,975	1,775
Thirty-eighth	2,107	1,202
Thirty-ninth	4,467	2,421
Fortieth	1,392	1,172
Forty-first	1,577	1,358
Forty-second	785	484
Forty-third	825	620
Forty-fourth	704	613
Forty-fifth	533	517
Total	29,919	16,074

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SENATE CONSTITUTIONAL AMENDMENT NO. 6, RELATING TO SESSIONS OF LEGISLATURE

Assembly District.	For	Against
Twenty-eighth	559	228
Twenty-ninth	443	145
Thirtieth	549	217
Thirty-first	1,050	380
Thirty-second	2,227	806
Thirty-third	3,805	1,041
Thirty-fourth	3,304	1,257
Thirty-fifth	2,069	925
Thirty-sixth	1,241	457
Thirty-seventh	3,022	1,685
Thirty-eighth	2,105	1,150
Thirty-ninth	4,524	2,314
Fortieth	1,419	1,143
Forty-first	1,668	1,256
Forty-second	794	475
Forty-third	829	608
Forty-fourth	720	567
Forty-fifth	547	486
Total	30,375	15,140

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SENATE CONSTITUTIONAL AMENDMENT NO. 8, RELATING TO THE RIGHTS OF SUFFRAGE.

Assembly District.	For	Against
Twenty-eighth	479	527
Twenty-ninth	338	441
Thirtieth	401	608
Thirty-first	776	1,122
Thirty-second	1,527	2,419
Thirty-third	2,409	3,079
Thirty-fourth	2,403	3,413
Thirty-fifth	1,482	2,406
Thirty-sixth	951	1,325
Thirty-seventh	2,073	3,772
Thirty-eighth	1,428	2,670
Thirty-ninth	3,456	4,856
Fortieth	1,068	2,119
Forty-first	1,141	2,371
Forty-second	601	988
Forty-third	633	1,170
Forty-fourth	450	1,206
Forty-fifth	308	1,143
Total	21,919	35,635

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SENATE CONSTITUTIONAL AMENDMENT NO. 17, RELATING TO THE RIGHTS OF PRIVATE PROPERTY AND TO THE LAW OF EMINENT DOMAIN.

Assembly District.	For	Against
Twenty-eighth	588	177
Twenty-ninth	449	128
Thirtieth	537	217
Thirty-first	1,083	324
Thirty-second	2,280	698
Thirty-third	3,450	814
Thirty-fourth	3,468	980
Thirty-fifth	2,230	718
Thirty-sixth	1,261	393
Thirty-seventh	3,259	1,379
Thirty-eighth	2,218	936
Thirty-ninth	4,918	1,824
Fortieth	1,545	996
Forty-first	1,797	1,113
Forty-second	866	381
Forty-third	918	517
Forty-fourth	780	542
Forty-fifth	603	432
Total	32,250	12,569

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SENATE CONSTITUTIONAL AMENDMENT NO. 20, RELATING TO CHARTERS OF CITIES, AND AMENDMENTS THERETO.

Assembly District.	For	Against
Twenty-eighth	471	280
Twenty-ninth	390	199
Thirtieth	436	310
Thirty-first	912	490
Thirty-second	1,754	1,219
Thirty-third	2,621	1,635
Thirty-fourth	2,560	1,887
Thirty-fifth	1,650	1,296
Thirty-sixth	1,008	679
Thirty-seventh	2,188	2,422
Thirty-eighth	1,593	1,551
Thirty-ninth	3,298	3,396
Fortieth	1,080	1,478
Forty-first	1,161	1,707
Forty-second	581	654
Forty-third	625	794
Forty-fourth	557	719
Forty-fifth	467	561
Total	28,852	21,277

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SENATE CONSTITUTIONAL AMENDMENT NO. 22, RELATING TO LEGISLATIVE POWERS, AND RESERVING TO THE PEOPLE OF THE STATE OF CALIFORNIA THE POWER TO PROPOSE LAWS, STATUTES AND AMENDMENTS TO THE CONSTITUTION AND TO ENACT THE SAME AT THE POLLS, INDEPENDENT OF THE LEGISLATURE, AND ALSO RESERVING TO THE PEOPLE OF THE STATE OF CALIFORNIA THE POWER TO APPROVE OR REJECT AT THE POLLS ANY ACT OR SECTION OR PART OF ANY ACT OF THE LEGISLATURE.

Assembly District.	For	Against
Twenty-eighth	763	148
Twenty-ninth	576	108
Thirtieth	739	160
Thirty-first	1,404	243
Thirty-second	2,964	504
Thirty-third	4,308	642
Thirty-fourth	4,422	843
Thirty-fifth	2,832	623
Thirty-sixth	1,663	324
Thirty-seventh	3,852	1,384
Trirty-eighth	2,720	928
Thirty-ninth	5,743	1,847
Fortieth	1,818	1,034
Forty-first	2,002	1,181
Forty-second	1,008	428
Forty-third	1,046	564
Forty-fourth	899	541
Forty-fifth	795	409
Total	39,554	11,911

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SENATE CONSTITUTIONAL AMENDMENT NO. 23, PROVIDING FOR THE RECALL BY THE ELECTORS OF PUBLIC OFFICIALS.

Assembly District.	For	Against
Twenty-eighth	807	159
Twenty-ninth	629	104
Thirtieth	804	157
Thirty-first	1,557	242
Thirty-second	3,225	526
Thirty-third	4,635	614
Thirty-fourth	4,785	795
Thirty-fifth	3,038	707
Thirty-sixth	1,834	327
Thirty-seventh	4,035	1,504
Thirty-eighth	2,918	943
Thirty-ninth	6,043	1,942
Fortieth	1,903	1,100
Forty-first	2,052	1,270
Forty-second	1,017	494
Forty-third	1,058	621
Forty-fourth	898	622
Forty-fifth	903	383
Total	42,141	12,510

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SENATE CONSTITUTIONAL AMENDMENT NO. 26, RELATING TO APPEALS IN CRIMINAL CASES.

Assembly District.	For	Against
Twenty-eighth	606	179
Twenty-ninth	467	131
Thirtieth	603	188
Thirty-first	1,158	328
Thirty-second	2,395	703
Thirty-third	3,529	834
Thirty-fourth	3,744	932
Thirty-fifth	2,389	705
Thirty-sixth	1,356	393
Thirty-seventh	3,560	1,239
Thirty-eighth	2,452	879
Thirty-ninth	5,350	1,600
Fortieth	1,765	811
Forty-first	2,004	890
Forty-second	986	341
Forty-third	1,032	434
Forty-fourth	881	455
Forty-fifth	673	397
Total	34,950	11,439

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SENATE CONSTITUTIONAL AMENDMENT NO. 32, RELATING TO COMPENSATION FOR INDUSTRIAL ACCIDENTS.

Assembly District.	For	Against
Twenty-eighth	727	142
Twenty-ninth	553	97
Thirtieth	696	154
Thirty-first	1,349	240
Thirty-second	2,743	562
Thirty-third	4,117	589
Thirty-fourth	3,947	978
Thirty-fifth	2,545	703
Thirty-sixth	1,526	356
Thirty-seventh	3,343	1,595
Thirty-eighth	2,402	986
Thirty-ninth	5,008	2,151
Fortieth	1,547	1,108
Forty-first	1,728	1,301
Forty-second	853	478
Forty-third	884	622
Forty-fourth	800	553
Forty-fifth	693	401
Total	35,461	13,016

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SENATE CONSTITUTIONAL AMENDMENT NO. 45, RELATING TO TERM OF OFFICE.

Assembly District.	For	Against
Twenty-eighth	560	172
Twenty-ninth	447	126
Thirtieth	516	210
Thirty-first	1,073	315
Thirty-second	2,257	673
Thirty-third	3,295	873
Thirty-fourth	3,407	949
Thirty-fifth	2,155	721
Thirty-sixth	1,222	409
Thirty-seventh	3,129	1,342
Thirty-eighth	2,210	944
Thirty-ninth	4,801	1,773
Fortieth	1,499	902
Forty-first	1,770	1,021
Forty-second	836	375
Forty-third	900	463
Forty-fourth	745	487
Forty-fifth	598	429
Total	31,420	12,183

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SENATE CONSTITUTIONAL AMENDMENT NO. 47, TO CONFER UPON THE RAILROAD COMMISSION POWER AND JURISDICTION TO REGULATE AND CONTROL THE BUSINESS OF FURNISHING CERTAIN COMMODITIES, AND PERFORMING CERTAIN SERVICES TO OR FOR THE PUBLIC.

Assembly District.	For	Against
Twenty-eighth	652	176
Twenty-ninth	498	146
Thirtieth	597	207
Thirty-first	1,148	374
Thirty-second	2,456	778
Thirty-third	3,597	964
Thirty-fourth	3,743	1,088
Thirty-fifth	2,321	855
Thirty-sixth	1,319	469
Thirty-seventh	3,394	1,503
Thirty-eighth	2,356	1,048
Thirty-ninth	5,040	2,117
Fortieth	1,597	1,063
Forty-first	1,831	1,172
Forty-second	882	437
Forty-third	924	571
Forty-fourth	807	559
Forty-fifth	658	433
Total	33,820	13,960

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SENATE CONSTITUTIONAL AMENDMENT NO. 48, RELATING TO THE POWERS CONFERRED UPON MUNICIPAL CORPORATIONS BY FREEHOLDERS' CHARTERS.

Assembly District.	For	Against
Twenty-eighth	530	211
Twenty-ninth	406	155
Thirtieth	512	237
Thirty-first	967	399
Thirty-second	2,048	901
Thirty-third	3,071	1,109
Thirty-fourth	3,178	1,161
Thirty-fifth	1,982	890
Thirty-sixth	1,143	483
Thirty-seventh	2,882	1,648
Thirty-eighth	2,017	1,067
Thirty-ninth	4,318	2,241
Fortieth	1,386	1,066
Forty-first	1,598	1,232
Forty-second	793	428
Forty-third	832	538
Forty-fourth	634	610
Forty-fifth	505	505
Total	28,802	14,881

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SENATE CONSTITUTIONAL AMENDMENT NO. 49, RELATING TO PUBLIC UTILITIES.

Assembly District.	For	Against
Twenty-eighth	585	148
Twenty-ninth	463	118
Thirtieth	569	154
Thirty-first	1,129	260
Thirty-second	2,307	581
Thirty-third	3,507	692
Thirty-fourth	3,447	900
Thirty-fifth	2,191	685
Thirty-sixth	1,287	338
Thirty-seventh	3,076	1,436
Thirty-eighth	2,204	887
Thirty-ninth	4,643	1,944
Fortieth	1,423	1,015
Forty-first	1,612	1,205
Forty-second	806	410
Forty-third	847	523
Forty-fourth	721	525
Forty-fifth	603	386
Total	31,420	12,207

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 2, IN RELATION TO THE MINIMUM PERIOD FOR THE USE OF TEXTBOOKS IN THE COMMON SCHOOLS THROUGHOUT THE STATE.

Assembly District.	For	Against
Twenty-eighth	631	148
Twenty-ninth	491	101
Thirtieth	608	156
Thirty-first	1,227	263
Thirty-second	2,571	586
Thirty-third	3,868	602
Thirty-fourth	3,957	716
Thirty-fifth	2,501	558
Thirty-sixth	1,459	302
Thirty-seventh	3,634	1,113
Thirty-eighth	2,493	779
Thirty-ninth	5,532	1,461
Fortieth	1,780	786
Forty-first	2,110	852
Forty-second	974	316
Forty-third	1,022	406
Forty-fourth	843	446
Forty-fifth	666	372
Total	36,367	9,913

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 6, CREATING A RAILROAD COMMISSION AND DEFINING ITS POWERS AND DUTIES.

Assembly District.	For	Against
Twenty-eighth	632	182
Twenty-ninth	472	158
Thirtieth	578	202
Thirty-first	1,093	393
Thirty-second	2,329	818
Thirty-third	3,447	1,030
Thirty-fourth	3,602	1,169
Thirty-fifth	2,307	838
Thirty-sixth	1,318	481
Thirty-seventh	3,330	1,526
Thirty-eighth	2,271	1,070
Thirty-ninth	4,942	2,101
Fortieth	1,574	1,055
Forty-first	1,823	1,181
Forty-second	907	428
Forty-third	937	562
Forty-fourth	735	608
Forty-fifth	601	458
Total	32,893	14,245

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 25, RELATING TO THE MANNER OF ELECTING OFFICERS OF CITIES, AND THE NUMBER OF VOTES NECESSARY TO CONSTITUTE A CHOICE.

Assembly District.	For	Against
Twenty-eighth	614	172
Twenty-ninth	469	129
Thirtieth	559	208
Thirty-first	1,148	311
Thirty-second	2,401	655
Thirty-third	3,440	800
Thirty-fourth	3,648	898
Thirty-fifth	2,352	678
Thirty-sixth	1,342	395
Thirty-seventh	3,439	1,263
Thirty-eighth	2,354	882
Thirty-ninth	5,148	1,662
Fortieth	1,690	865
Forty-first	1,949	944
Forty-second	926	338
Forty-third	984	442
Forty-fourth	790	506
Forty-fifth	676	387
Total	33,929	11,535

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 26, RELATING TO THE JUDICIARY AND GIVING THE LEGISLATURE POWER TO ESTABLISH INFERIOR COURTS.

Assembly District.	For	Against
Twenty-eighth	497	271
Twenty-ninth	386	194
Thirtieth	469	285
Thirty-first	906	517
Thirty-second	1,884	1,097
Thirty-third	2,767	1,490
Thirty-fourth	2,858	1,618
Thirty-fifth	1,839	1,168
Thirty-sixth	1,059	643
Thirty-seventh	2,671	1,997
Thirty-eighth	1,857	1,385
Thirty-ninth	3,921	2,862
Fortieth	1,225	1,284
Forty-first	1,872	1,532
Forty-second	728	539
Forty-third	732	689
Forty-fourth	588	711
Forty-fifth	508	533
Total	26,257	18,810

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 28, RELATING TO THE ISSUING OF PASSES TO PUBLIC OFFICIALS.

Assembly District.	For	Against
Twenty-eighth	398	417
Twenty-ninth	301	307
Thirtieth	364	416
Thirty-first	756	742
Thirty-second	1,591	1,529
Thirty-third	2,229	2,182
Thirty-fourth	2,281	2,423
Thirty-fifth	1,417	1,611
Thirty-sixth	834	947
Thirty-seventh	2,107	2,725
Thirty-eighth	1,498	1,818
Thirty-ninth	3,191	3,821
Fortieth	1,096	1,578
Forty-first	1,244	1,747
Forty-second	556	766
Forty-third	614	872
Forty-fourth	547	794
Forty-fifth	525	563
Total	21,549	25,258

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 23, RELATING TO THE ELECTION AND COMPENSATION OF A CLERK OF THE SUPREME COURT; ALSO RELATING TO COUNTY CLERKS BEING EX-OFFICIO CLERKS OF COURTS OF RECORD; AND ALSO RELATING TO APPOINTMENTS BY THE SUPERIOR COURTS OF COURT COMMISSIONERS, AND ALSO RELATING TO THE APPOINTMENT BY THE SUPREME COURT OF A REPORTER AND ASSISTANT REPORTERS, AND THE APPOINTMENT BY THE DISTRICT COURT OF APPEALS OF ITS CLERK, AND ALSO RELATING TO THE DUTIES AND COMPENSATION OF SUCH OFFICERS.

Assembly District.	For	Against
Twenty-eighth	521	269
Twenty-ninth	417	188
Thirtieth	491	288
Thirty-first	962	467
Thirty-second	2,028	981
Thirty-third	3,002	1,305
Thirty-fourth	3,127	1,378
Thirty-fifth	2,057	946
Thirty-sixth	1,112	591
Thirty-seventh	3,113	1,629
Thirty-eighth	2,127	1,092
Thirty-ninth	4,725	2,093
Fortieth	1,614	951
Forty-first	1,932	967
Forty-second	878	406
Forty-third	947	489
Forty-fourth	761	532
Forty-fifth	571	518
Total	30,385	15,090

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 46, IN RELATION TO THE IMPEACHMENT OF STATE OFFICERS AND JUDGES.

Assembly District.	For	Against
Twenty-eighth	671	147
Twenty-ninth	531	105
Thirtieth	655	166
Thirty-first	1,256	249
Thirty-second	2,621	509
Thirty-third	3,890	639
Thirty-fourth	4,080	735
Thirty-fifth	2,612	584
Thirty-sixth	1,467	340
Thirty-seventh	3,771	1,136
Thirty-eighth	2,544	842
Thirty-ninth	5,656	1,454
Fortieth	1,838	831
Forty-first	2,130	867
Forty-second	1,028	325
Forty-third	1,084	423
Forty-fourth	888	457
Forty-fifth	699	386
Total	37,421	10,195

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 48, RELATING TO THE EXEMPTION OF PROPERTY FROM TAXATION.

Assembly District.	For	Against
Twenty-eighth	414	398
Twenty-ninth	348	276
Thirtieth	422	402
Thirty-first	876	621
Thirty-second	1,728	1,457
Thirty-third	2,634	1,924
Thirty-fourth	2,452	2,318
Thitry-fifth	1,532	1,622
Thirty-sixth	915	887
Thirty-seventh	2,095	2,789
Thirty-eighth	1,477	1,858
Thirty-ninth	3,106	3,946
Portieth	1,024	1,648
Forty-first	1,122	1,891
Forty-second	555	761
Forty-third	588	874
Forty-fourth	517	815
Forty-fifth	446	628
Total	22,246	25,110

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ASSEMBLY CONSTITUTIONAL AMENDMENT NO. 50, RELATING TO RAILROADS AND OTHER TRANSPORTATION COMPANIES.

Assembly District.	For	Against
Twenty-eighth	687	179
Twenty-ninth	496	121
Thirtieth	604	210
Thirty-first	1,161	358
Thirty-second	2,480	708
Thirty-third	3,711	848
Thirty-fourth	3,793	980
Thirty-fifth	2,425	788
Thirty-sixth	1,426	375
Thirty-seventh	3,452	1,381
Thirty-eighth	2,417	952
Thirty-ninth	5,217	1,831
Fortieth	1,651	974
Forty-first	1,920	1,084
Forty-second	918	420
Forty-third	984	509
Fortyfourth	799	535
Forty-fifth	604	465
Total	34,695	12,668

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GENERAL MUNICIPAL ELECTION CITY AND COUNTY OF SAN FRANCISCO, STATE OF CALIFORNIA, NOVEMBER 7, 1911.

FOR DISTRICT ATTORNEY.

Assembly District.	Total Vote Polled	C. M. Fickert	R. L. Hathorn	Emil Liess
Twenty-eighth	1,325	786	490	1
Twenty-ninth	1,024	638	361	
Thirtieth	1,351	853	463	2
Thirty-first	2,564	1,575	921	4
Thirty-second	5,194	3,012	2,092	
Thirty-third	6,994	6,994	2,926	5
Thirty-fourth	7,184	3,372	3,706	
Thirty-fifth	4,684	2,169	2,383	
Thirty-sixth	2,791	1,420	1,307	3
Thirty-seventh	6,785	3,203	3,508	2
Thirty-eighth	4,637	2,280	2,282	4
Thirty-ninth	9,655	4,024	5,483	7
Fortieth	3,584	1,675	1,857	3
Forty-first	4,150	2,048	2,039	4
Forty-second	1,817	825	978	
Forty-third	2,082	937	1,129	
Forty-fourth	2,086	1,126	938	
Forty-fifth	1,832	1,192	607	
Total	69,689	35,049	33,470	35

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FOR AUDITOR.

Assembly District.	T. F. Boyle	J. Lackmann	A. K. Gifford
Twenty-eighth	817	439	
Twenty-ninth	638	339	
Thirtieth	877	410	2
Thirty-first	1,621	848	4
Thirty-second	3,156	1,895	
Thirty-third	4,272	2,509	6
Thirty-fourth	3,803	3,266	
Thirty-fifth	2,846	2,192	
Thirty-sixth	1,528	1,188	2
Thirty-seventh	3,111	3,557	1
Thirty-eighth	2,337	2,175	3
Thirty-ninth	4,189	5,261	7
Fortieth	1,580	1,936	3
Forty-first	1,991	2,072	3
Forty-second	787	986	
Forty-third	866	1,147	
Forty-fourth	1,064	920	
Forty-fifth	1,103	633	
Total	36,086	31,773	31

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FOR SHERIFF.

Assembly District.	Frederick Eggers	T. F. Finn	T. J. Mooney
Twenty-eighth	481	817	
Twenty-ninth	335	674	
Thirtieth	549	780	2
Thirty-first	1,090	1,431	4
Thirty-second	2,347	2,795	
Thirty-third	3,127	3,784	7
Thirty-fourth	3,714	3,405	
Thirty-fifth	2,398	2,175	
Thirty-sixth	1,632	1,134	1
Thirty-seventh	3,779	2,948	1
Thirty-eighth	2,388	2,209	4
Thirty-ninth	5,224	4,308	6
Fortieth	1,890	1,646	2
Forty-first	2,246	1,843	3
Forty-second	969	829	
Forty-third	1,114	945	
Forty-fourth	1,013	1,047	
Forty-fifth	846	950	
Total	35,142	33,715	30

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FOR CORONER.

Assembly District.	Thos. B. W. Leland	Jos. M. Toner	M. B. Ryer
Twenty-eighth	585	744	
Twenty-ninth	338	658	
Thirtieth	429	886	2
Thirty-first	828	1,687	4
Thirty-second	1,869	3,236	
Thirty-third	2,671	4,196	5
Thirty-fourth	3,508	3,600	
Thirty-fifth	2,243	2,339	
Thirty-sixth	1,293	1,448	2
Thirty-seventh	4,011	2,716	1
Thirty-eighth	2,707	1,867	4
Thirty-ninth	6,012	3,506	6
Fortieth	2,482	1,106	2
Forty-first	2,820	1,272	3
Forty-second	1,253	539	
Forty-third	1,385	656	
Forty-fourth	1,282	798	
Forty-fifth	880	904	
Total	36,441	32,153	29

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FOR SUPERVISOR.

Assembly District.	A. Aronson	Paul Bancroft	James Blain Bocarde	James P. Booth	Guido E. Caglieri	Michael Casey	T. A. Casserly	Edward L. Cutten
Twenty-eighth	397	553	450	409	389	599	634	397
Twenty-ninth	298	408	351	325	274	471	524	277
Thirtieth	425	481	455	334	347	651	762	320
Thirty-first	661	964	944	687	676	1,243	1,385	692
Thirty-second	1,473	2,125	2,150	1,452	1,548	2,211	2,714	1,483
Thirty-third	2,105	2,864	2,463	1,961	2,097	2,990	4,222	2,015
Thirty-fourth	2,556	3,787	3,288	2,548	2,740	2,443	3,170	2,613
Thirty-fifth	1,642	2,560	2,266	1,779	1,628	1,345	1,959	1,710
Thirty-sixth	874	1,319	1,120	914	818	1,031	1,295	910
Thirty-seventh	2,964	4,312	3,685	2,911	2,964	1,633	1,853	2,820
Thirty-eighth	2,137	2,690	2,214	1,794	1,915	1,244	1,323	1,778
Thirty-ninth	4,338	6,181	5,754	4,486	4,266	2,253	2,390	4,727
Fortieth	1,946	2,305	2,022	1,628	1,831	685	747	1,813
Forty-first	2,023	2,581	2,336	1,743	2,366	833	906	1,891
Forty-second	907	1,221	1,000	795	927	329	368	853
Forty-third	1,030	1,419	1,138	923	1,110	370	407	1,085
Forty-fourth	903	1,112	941	889	1,097	528	492	825
Forty-fifth	585	838	848	556	1,286	538	839	568
Total	27,284	37,720	33425	26,134	28,279	21,397	25,990	26,777

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FOR SUPERVISOR.

Assembly District.	Con Deasy	A. J. Gallagher	G. E. Gallagher	W. R. Hagerty	J. Emmet Hayden	T. B. Healey	John L. Herget	Fred L. Hilmer
Twenty-eighth	761	840	572	639	571	630	690	476
Twenty ninth	630	665	416	537	444	514	531	386
Thirtieth	827	889	547	703	503	706	722	448
Thirty-first	1,567	1,758	1,056	1,375	950	1,369	1,383	853
Thirty-second	2,892	3,293	2,366	2,448	2,301	2,595	2,419	2,018
Thirty-third	3,087	4,522	2,998	3,318	2,860	3,283	3,348	2,542
Thirty-fourth	3,171	3,991	3,766	2,693	3,562	2,456	2,717	3,350
Thirty-fifth	1,918	2,344	2,482	1,450	2,373	1,462	1,638	2,111
Thirty sixth	1,322	1,587	1,319	1,119	1,291	1,045	1,194	1,106
Thirty-seventh	2,053	2,902	4,032	1,667	4,110	1,348	2,097	3,767
Thirty-eighth	1,582	2,017	2,477	1,300	2,605	1,015	1,650	2,345
Thirty-ninth	2,716	4,083	5,330	2,343	5,773	2,047	3,058	5,863
Fortieth	865	1,237	2,086	659	2,457	632	998	2,258
Forty-first	1,216	1,407	2,790	979	2,710	885	1,280	2,483
Forty-second	403	618	1,182	375	1,228	303	473	1,188
Forty-third	478	685	1,329	400	1,426	289	532	1,358
Forty fourth	782	764	1,121	660	1,232	463	723	1,140
Forty-fifth	900	936	952	692	843	574	786	827
Total	27,170	34,488	36,821	23,352	37,239	21,616	26,239	34,519

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FOR SUPERVISOR.

Assembly District.	Oscar Hocks	Thomas Jennings	John A. Kelly	Adolf Koshland	R. J. Loughery	Byron Mauzy	William H. McCarthy	Ralph McLeran
Twenty-eighth	629	518	570	442	530	426	578	420
Twenty-ninth	444	375	494	311	439	306	467	314
Thirtieth	549	407	686	379	643	337	559	412
Thirty-first	1,139	823	1,306	710	1,191	674	1,051	825
Thirty-second	2,536	1,859	2,363	1,628	2,283	1,477	2,391	1,783
Thirty-third	3,350	2,520	3,304	2,217	3,048	2,067	3,377	2,564
Thirty-fourth	4,087	3,386	2,669	2,889	2,554	2,742	4,192	2,979
Thirty-fifth	2,676	2,186	1,504	1,905	1,616	1,949	3,088	2,091
Thirty-sixth	1,495	1,138	1,126	1,067	1,121	1,083	1,546	1,195
Thirty-seventh	4,577	4,050	1,985	3,710	1,735	3,361	4,831	3,143
Thirty-eighth	3,175	2,776	1,311	2,508	1,200	2,287	3,028	2,115
Thirty-ninth	6,707	6,116	2,547	5,501	2,522	5,357	6,519	4,571
Fortieth	2,578	2,401	692	2,288	694	2,132	2,539	1,454
Forty-first	2,914	2,725	900	2,461	899	2,286	2,857	1,616
Forty-second	1,347	1,256	384	1,154	329	1,084	1,343	825
Forty-third	1,534	1,444	332	1,293	320	1,246	1,540	874
Forty-fourth	1,401	1,168	465	1,111	385	996	1,367	893
Forty-fifth	995	783	657	775	463	566	1,015	617
Total	42,133	35,931	28,245	32,349	21,972	30,376	42,288	28,691

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FOR SUPERVISOR.

Assembly District.	Henry E. Monroe	Chas. A. Murdock	Daniel C. Murphy	Charles A. Nelson	Edward L. Nolan	John I. Nolan	Thomas P. O'Dowd	Henry Payot
Twenty-eighth	350	.480	484	633	525	689	529	457
Twenty-ninth	244	344	359	512	409	532	445	333
Thirtieth	288	419	431	735	575	725	660	396
Thirty-first	559	792	779	1,468	1,047	1,479	1,296	878
Thirty-second	1,261	1,830	1,796	3,107	2,231	2,865	2,240	1,987
Thirty-third	1,907	2,691	2,750	3,951	3,042	3,960	3,127	2,708
Thirty-fourth	2,918	3,750	3,436	3,240	3,311	3,358	2,405	3,590
Thirty-fifth	1,772	2,428	2,236	1,807	2,163	1,912	1,319	2,388
Thirty-sixth	914	1,227	1,175	1,380	1,325	1,369	976	1,221
Thirty-seventh	2,937	4,045	3,625	1,917	2,851	2,069	1,349	4,013
Thirty-eighth	1,938	2,617	2,210	1,498	1,945	1,560	983	2,667
Thirty-ninth	4,118	6,064	4,848	2,802	3,981	2,866	1,981	6,054
Fortieth	1,688	2,321	1,719	815	1,252	780	500	2,343
Forty-first	2,050	2,627	1,951	1,061	1,347	1,119	678	2,645
Forty-second	922	1,225	975	427	684	419	237	1,260
Forty-third	998	1,413	1,110	378	706	415	252	1,424
Forty-fourth	872	1,132	918	539	689	568	342	1,179
Forty-fifth	630	786	673	744	593	720	462	747
Total	26,361	36,191	31,475	27,014	28,676	27,405	19,781	36,290

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FOR SUPERVISOR.

Assembly District.	Joseph J. Phillips	William C. Pugh	Alex. T. Vogelsang	John O. Walsh
Twenty-eighth	344	520	457	703
Twenty-ninth	278	452	352	594
Thirtieth	386	614	445	802
Thirty-first	681	1,171	861	1,571
Thirty-second	1,556	2,175	1,927	2,941
Thirty-third	2,261	3,052	2,634	4,172
Thirty-fourth	2,911	2,409	3,436	3,471
Thirty-fifth	1,860	1,367	2,266	2,088
Thirty-sixth	932	997	1,161	1,406
Thirty-seventh	2,909	1,682	3,953	2,097
Thirty-eighth	1,939	1,343	2,307	1,514
Thirty-ninth	4,261	2,265	5,618	2,980
Fortieth	1,613	642	2,269	779
Forty-first	1,810	729	2,538	1,106
Forty-second	814	310	1,194	377
Forty-third	919	320	1,380	387
Forty-fourth	755	419	1,149	478
Forty-fifth	678	488	766	697
Total	26,907	20,955	34,713	28,163

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FOR SUPERVISOR.

Assembly District.	Roller Allen	Edward W. Bender	George Bostel	Dave Campbell	K. J. Doyle	Martin Egan	Louis I. Fortin	C. W. Hogue	Robert Larkins	Chas. K. Lehman	Olaf Mork	Charles A. Preston	Ernest L. Reguin
Twenty-eighth													
Twenty-ninth													
Thirtieth													
Thirty-first													
Thirty-second													
Thirty-third	4	4	4	4	4	4	4	4	4	4	4	4	4
Thirty-fourth													
Thirty-fifth													
Thirty-sixth	3	2	2	2	3	3	2	3	3	3	2	3	4
Thirty-seventh	1	1	1	1	1	1	1	1	1	1	1	1	1
Thirty-eighth	3	3	3	3	3	3	3	3	3	3	4	3	4
Thirty-ninth	7	7	7	6	6	6	6	7	6	6	6	6	7
Fortieth	2	2	2	2	1	1	1	1	1	1	1	1	1
Forty-first													
Forty-second		1									1	1	1
Forty-third													
Forty-fourth													
Forty-fifth													
Total	20	20	19	18	18	18	17	19	18	18	19	19	22

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FOR SUPERVISOR.

Assembly District.	John M. Reynolds	Geo. F. Styche	Selig Schulberg	Lynus VanAlstine	Walter E. Walker
Twenty-eighth					
Twenty-ninth					
Thirtieth					
Thirty-first					
Thirty-second					
Thirty-third	4	4	4	4	4
Thirty-fourth					
Thirty-fifth					
Thirty-sixth	3	2	4	2	3
Thirty-seventh	1	1	1	1	1
Thirty-eighth	3	3	4	3	3
Thirty-ninth	6	6	6	6	6
Fortieth	1	1	1	1	1
Forty-first					
Forty-second			1		
Forty-third					
Forty-fourth					
Forty-fifth					
Total	18	17	21	17	18

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SUMMARY

District Attorney:

C. M. Fickert	35,049
Ralph L. Hathorn	33,470
Emil Liess	35

Auditor:

Thomas F. Boyle	36,086
John Lackmann	31,773
A. K. Gifford	31

Sheriff:

Frederick Eggers	35,142
Thomas F. Finn	33,715
T. J. Mooney	30

Coroner:

Thos. B. Leland	36,441
Joseph H. Toner	32,153
M. B. Ryer	29

TOTAL VOTE CAST.....69,689

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SUPERVISOR.

A. Aronson	27,284
Paul Bancroft	37,720
James Blain Bocarde	33,425
James P. Booth	26,134
Guido E. Caglieri	28,279
Michael Casey	21,897
Thomas A. Casserly	25,990
Edward L. Cutten	26,777
Con Deasy	27,170
Andrew J. Gallagher	34,488
George E. Gallagher	36,821
William R. Hagerty	23,352
J. Emmet Hayden	37,239
Timothy B. Healy	21,616
John L. Herget	26,239
Fred L. Hilmer	34,519
Oscar Hocks	42,133
Thomas Jennings	35,931
John A. Kelly	23,245
Adolf Koshland	32,349
Robert J. Loughery	21,972
Byron Mauzy	30,376
William H. McCarthy	42,288
Ralph McLeran	28,691
Henry E. Monroe	26,361
Charles A. Murdock	36,191
Daniel C. Murphy	31,475
Charles A. Nelson	27,014
Edward I. Nolan	28,676
John I. Nolan	27,405
Thomas P. O'Dowd	19,781
Henry Payot	36,290
Joseph J. Phillips	26,907
William C. Pugh	20,955
Alexander T. Vogelsang	34,713
John O. Walsh	28,163

Roller Allen	20
Edward W. Bender	20
George Bostel	19
Dave Campbell	18
K. J. Doyle	18
Martin Egan	18
Louis I. Fortin	17
C. W. Hogue	19
Robert Larkins	18
Chas. K. Lehman	18
Olaf Mork	19
Charles A. Preston	19
Ernest L. Reguin	22
John M. Reynolds	18
George F. Styche	17
Selig Schulberg	21
Lynus Vanalstine	17
Walter E. Walker	18

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SPECIAL ELECTION MARCH 28, 1912.

Proposition to incur a bonded indebtedness of the City and County of San Francisco to the amount of Eight Million Eight Hundred Thousand Dollars for the acquisition, construction, completion and equipment by the City and County of San Francisco of a permanent building or buildings and improvements to be used by the City and County of San Francisco as a City Hall, and the acquisition of the necessary lands therefor, and for grounds and land adjacent thereto for the purpose of creating a Civic Center. Bonds issued for such purpose shall bear interest at the rate of five per centum, payable semi-annually.

Assembly District.	Total Vote Polled	For	Against
Twenty-eighth	658	606	44
Twenty-ninth	487	447	37
Thirtieth	842	761	76
Thirty-first	1,492	1,323	133
Thirty-second	3,216	2,888	310
Thirty-third	4,828	4,168	606
Thirty-fourth	5,253	4,702	519
Thirty-fifth	3,420	3,191	205
Thirty-sixth	1,910	1,754	151
Thirty-seventh	5,212	4,890	300
Thirty-eighth	3,297	3,080	196
Thirty-ninth	8,025	7,074	900
Fortieth	2,756	2,620	123
Forty-first	3,387	3,137	232
Forty-second	1,235	1,188	43
Forty-third	1,411	1,358	49
Forty-fourth	1,084	1,040	37
Forty-fifth	985	902	74
Total	49,498	45,129	4,035

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SPECIAL ELECTION MARCH 29, 1912.
PROPOSITION ONE.

An Ordinance determining and declaring that the public interest and necessity require the acquisition, construction, completion and equipment of a public utility, a telephone system, by the City and County of San Francisco; that the cost thereof in addition to the other expenses of the City and County, will exceed the income and revenue provided for the said City and County for any one year, and directing the Board of Public Works to procure through the City Engineer and to place on file with the Board of Supervisors, plans and estimates of the cost of original construction, completion and equipment of such public utility; and determining and declaring that the public interest and necessity require the acquisition by said City and County of San Francisco, of the telephone system of the Bay Cities Home Telephone Company in said City and County of San Francisco; and determining and declaring that public interest and necessity require that any merger of the telephone systems of the said Bay Cities Home Telephone Company and of the Pacific Telephone and Telegraph Company be disapproved, rejected and defeated, and that said Bay Cities Home Telephone Company be not released from any of its contracts or other obligations to said City and County.

Assembly District.	Total Vote Polled	For	Against
Twenty-eighth	409	339	63
Twenty-ninth	331	276	53
Thirtieth	548	443	93
Thirty-first	939	743	180
Thirty-second	2,082	1,644	419
Thirty-third	3,214	2,619	512
Thirty-fourth	3,478	2,529	906
Thirty-fifth	2,209	1,548	632
Thirty-sixth	1,234	941	272
Thirty-seventh	3,337	2,073	1,221
Thirty-eighth	2,186	1,513	645
Thirty-ninth	5,091	2,918	2,099
Fortieth	1,907	936	948
Forty-first	2,248	978	1,260
Forty-second	718	422	291
Forty-third	822	437	379
Forty-fourth	670	390	285
Forty-fifth	635	419	205
Total	32,058	21,168	10,463

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SPECIAL ELECTION MARCH 29, 1912.
PROPOSITION TWO.

An Ordinance calling and providing for a special election to be held in the City and County of San Francisco on the day to be set by the Board of Election Commissioners, in conformity with Chapter III of Article XI of the Charter of the City and County of San Francisco, for the purpose of submitting to the voters of said City and County a proposition, to-wit: A proposition to incur a bonded debt of the said City and County of San Francisco to the amount of $6,000,000 for the acquisition by said City and County of San Francisco of an existing public utility, to-wit: The telephone system, works and property of the Bay Cities Home Telephone Company, a corporation, to be owned and controlled by the City and County of San Francisco, for supplying to said City and County and to the inhabitants thereof, a means of communication by telephone and telepathy between all the inhabitants of the said City and County of San Francisco.

Assembly District.	For	Against
Twenty-eighth	330	63
Twenty-ninth	275	50
Thirtieth	438	90
Thirty-first	733	182
Thirty-second	1,605	439
Thirty-third	2,501	574
Thirty-fourth	2,441	939
Thirty-fifth	1,522	630
Thirty-sixth	937	281
Thirty-seventh	2,022	1,247
Thirty-eighth	1,460	665
Thirty-ninth	2,784	2,183
Fortieth	882	963
Forty-first	916	1,305
Forty-second	407	296
Forty-third	433	377
Forty-fourth	378	277
Forty-fifth	428	198
Total	20,492	10,759

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PRESIDENTIAL PRIMARY ELECTION MAY 14, 1912.
TOTAL VOTE POLLED BY ALL PARTIES.

Assembly District.	
Twenty-first	3,354
Twenty-second	1,820
Twenty-third	3,085
Twenty-fourth	3,935
Twenty-fifth	6,028
Twenty-sixth	6,507
Twenty-seventh	5,895
Twenty-eighth	5,501
Twenty-ninth	5,109
Thirtieth	6,304
Thirty-first	6,612
Thirty-second	5,300
Thirty-third	2,957
Total	62,407

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PRESIDENTIAL PRIMARY ELECTION MAY 14, 1912.
FOR PRESIDENTIAL NOMINEE.

Assembly District.	Total Vote Polled—Republican	Theodore Roosevelt	William Howard Taft	Robert Marion La Follette
Twenty-first	2,532	912	540	611
Twenty-second	1,446	463	234	448
Twenty-third	2,404	864	414	688
Twenty-fourth	2,994	1,231	570	769
Twenty-fifth	4,732	2,004	1,266	1,002
Twenty-sixth	5,246	2,088	1,572	943
Twenty-seventh	4,849	2,168	1,673	582
Twenty-eighth	4,626	1,990	1,619	664
Twenty-ninth	3,952	1,500	1,116	791
Thirtieth	5,118	1,873	2,016	655
Thirty-first	5,664	1,848	2,879	466
Thirty-second	4,430	1,902	1,678	517
Thirty-third	2,490	920	890	822
Total	50,483	19,768	16,467	8,458

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	Hiram W. Johnson	Chester H. Rowell	Meyer Lissner	Francis J. Heney	William Kent
Twenty-first	2,532	1,085	1,065	1,061	1,062	1,062
Twenty-second	1,446	558	545	545	547	548
Twenty-third	2,404	958	943	943	938	944
Twenty-fourth	2,994	1,400	1,379	1,374	1,384	1,381
Twenty-fifth	4,732	2,189	2,173	2,172	2,175	2,176
Twenty-sixth	5,246	2,322	2,305	2,302	2,301	2,305
Twenty-seventh	4,849	2,311	2,312	2,313	2,310	2,312
Twenty-eighth	4,626	2,120	2,109	2,111	2,105	2,108
Twenty-ninth	3,952	1,693	1,682	1,680	1,679	1,685
Thirtieth	5,118	2,062	2,048	2,055	2,048	2,053
Thirty-first	5,664	1,992	1,985	1,987	1,981	1,986
Thirty-second	4,430	2,001	1,989	1,988	1,993	1,997
Thirty-third	2,490	1,045	1,035	1,033	1,029	1,035
Total	50,483	21,736	21,570	21,564	21,552	21,592

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	Florence C. Porter	M. Stimson	C. S. Wheeler	G. C. Pardee	L. C. Gates	C. L. White	J. M. Eshleman	C. H. Windham
Twenty-first	2,582	1,053	1,062	1,063	1,065	1,061	1,060	1,064	1,066
Twenty-second	1,446	541	544	545	547	543	547	542	543
Twenty-third	2,404	932	940	938	944	941	939	938	939
Twenty-fourth	2,994	1,365	1,376	1,381	1,384	1,380	1,375	1,376	1,374
Twenty-fifth	4,732	2,157	2,170	2,174	2,178	2,174	2,176	2,176	2,172
Twenty-sixth	5,246	2,284	2,301	2,304	2,311	2,302	2,305	2,299	2,298
Twenty-seventh	4,849	2,305	2,310	2,310	2,314	2,310	2,311	2,307	2,309
Twenty-eighth	4,626	2,100	2,108	2,106	2,110	2,108	2,106	2,105	2,107
Twenty-ninth	3,952	1,676	1,679	1,680	1,682	1,684	1,685	1,678	1,677
Thirtieth	5,118	2,044	2,051	2,052	2,047	2,049	2,049	2,046	2,043
Thirty-first	5,664	1,976	1,985	1,988	1,986	1,984	1,984	1,985	1,981
Thirty-second	4,430	1,973	1,988	1,995	1,995	1,987	1,989	1,989	1,987
Thirty-third	2,490	1,020	1,035	1,036	1,037	1,036	1,039	1,034	1,034
Total	50,483	21,426	21,549	21,572	21,600	21,559	21,565	21,589	21,530

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	W. A. Sloane	R. W. Bull	S. G. Beach	J. H. McCallum	T. Beale	W. D. Tillotson	S. Crosby	C. E. Snook
Twenty-first	2,532	1,067	1,066	1,065	1,060	1,062	1,059	1,061	1,060
Twenty-second	1,446	546	545	544	545	544	543	542	543
Twenty-third	2,404	939	936	935	930	932	927	932	931
Twenty-fourth	2,994	1,383	1,374	1,377	1,381	1,376	1,375	1,377	1,378
Twenty-fifth	4,732	2,173	2,171	2,174	2,173	2,173	2,172	2,172	2,172
Twenty-sixth	5,246	2,304	2,301	2,297	2,229	2,305	2,300	2,300	2,302
Twenty-seventh	4,849	2,312	2,310	2,311	2,310	2,311	2,311	2,311	2,309
Twenty-eighth	4,626	2,109	2,107	2,108	2,108	2,107	2,107	2,109	2,107
Twenty-ninth	3,952	1,677	1,677	1,678	1,679	1,680	1,678	1,679	1,678
Thirtieth	5,118	2,050	2,051	2,044	2,044	2,047	2,042	2,044	2,043
Thirty-first	5,664	1,983	1,983	1,983	1,985	1,985	1,983	1,983	1,985
Thirty-second	4,430	1,991	1,986	1,988	1,988	1,988	1,988	1,989	1,994
Thirty-third	2,490	1,035	1,035	1,033	1,030	1,032	1,031	1,031	1,034
Total	50,483	21,569	21,542	21,537	21,532	21,542	21,516	21,530	21,536

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	Isabella W. Blaney	F. S. Wallace	C. C. Young	J. L. Hurlbut	P. Bancroft	A. E. Krebs	Ella L. Westland	W. A. S. Foster
Twenty-first	2,532	1,051	1,060	1,060	1,057	1,060	630	626	631
Twenty-second	1,446	540	544	543	542	547	302	303	302
Twenty-third	2,404	924	931	930	928	929	452	453	453
Twenty-fourth	2,994	1,367	1,381	1,375	1,371	1,385	688	688	691
Twenty-fifth	4,732	2,157	2,175	2,173	2,169	2,173	1,436	1,434	1,440
Twenty-sixth	5,246	2,272	2,299	2,301	2,295	2,309	1,752	1,755	1,759
Twenty-seventh	4,849	2,307	2,306	2,309	2,309	2,308	1,819	1,813	1,819
Twenty-eighth	4,626	2,103	2,108	2,108	2,106	2,106	1,740	1,738	1,744
Twenty-ninth	3,952	1,675	1,679	1,677	1,676	1,677	1,289	1,292	1,298
Thirtieth	5,118	2,036	2,048	2,045	2,040	2,041	2,244	2,244	2,250
Thirty-first	5,664	1,974	1,981	1,979	1,981	1,980	3,073	3,072	3,078
Thirty-second	4,430	1,975	1,987	1,985	1,981	1,991	1,806	1,803	1,817
Thirty-third	2,490	1,024	1,031	1,030	1,029	1,031	1,003	1,003	1,008
Total	50,483	21,405	21,530	21,515	21,484	21,537	18,234	18,224	18,290

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	W. C. Patterson	Dr. Raefelt	A. Hochheimer	A. F. Ross	E. C. Voorheis	A. E. Miller	A. W. Simpson
Twenty-first	2,532	631	630	631	631	632	630	631
Twenty-second	1,446	302	302	302	303	304	304	303
Twenty-third	2,404	457	457	460	455	454	458	455
Twenty-fourth	2,994	693	694	690	695	692	690	690
Twenty-fifth	4,732	1,443	1,438	1,440	1,442	1,437	1,441	1,440
Twenty-sixth	5,246	1,760	1,755	1,761	1,761	1,761	1,757	1,758
Twenty-seventh	4,849	1,822	1,820	1,822	1,819	1,817	1,819	1,818
Twenty-eighth	4,626	1,742	1,745	1,744	1,743	1,741	1,744	1,741
Twenty-ninth	3,952	1,304	1,298	1,298	1,297	1,298	1,296	1,295
Thirtieth	5,118	2,248	2,245	2,253	2,252	2,251	2,248	2,249
Thirty-first	5,664	3,076	3,076	3,079	3,077	3,077	3,077	3,082
Thirty-second	4,430	1,815	1,813	1,815	1,816	1,813	1,813	1,811
Thirty-third	2,490	1,008	1,008	1,008	1,005	1,008	1,007	1,003
Total	50,483	18,301	18,281	18,303	18,296	18,285	18,284	18,276

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	E. H. Tryon	M. Meyerfeld, Jr.	C. A. Nelson	A. J. Martin	G. T. Hawley	G. W. Scott	Dr. C. Rowell	W. Morgan
Twenty-first	2,532	631	630	632	629	632	631	631	632
Twenty-second	1,446	300	300	304	299	299	303	301	304
Twenty-third	2,404	454	451	455	451	453	456	455	453
Twenty-fourth	2,994	688	690	691	691	686	696	687	688
Twenty-fifth	4,732	1,437	1,435	1,442	1,434	1,435	1,437	1,433	1,436
Twenty-sixth	5,246	1,757	1,764	1,761	1,754	1,756	1,764	1,757	1,751
Twenty-seventh	4,849	1,818	1,821	1,820	1,818	1,818	1,819	1,818	1,817
Twenty-eighth	4,626	1,741	1,743	1,741	1,744	1,742	1,745	1,740	1,742
Twenty-ninth	3,952	1,296	1,298	1,297	1,292	1,295	1,297	1,293	1,295
Thirtieth	5,118	2,245	2,257	2,252	2,246	2,248	2,252	2,248	2,242
Thirty-first	5,664	3,075	3,081	3,078	3,075	3,076	3,076	3,070	3,071
Thirty-second	4,430	1,814	1,814	1,816	1,815	1,810	1,812	1,811	1,809
Thirty-third	2,490	1,001	1,006	1,007	1,005	1,006	1,005	1,006	1,005
Total	50,483	18,257	18,290	18,296	18,253	18,256	18,293	18,250	18,245

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	C. N. Felton	L. Jones	J. M. Marshall	S. Townsend	J. S. Mitchell	W. L. Valentine	C. C. Chapman	M. L. Ward
Twenty-first	2,532	631	632	633	632	630	630	630	632
Twenty-second	1,446	300	301	300	301	299	303	301	300
Twenty-third	2,404	455	456	455	455	455	454	454	450
Twenty-fourth	2,994	689	691	689	691	688	691	690	685
Twenty-fifth	4,732	1,437	1,436	1,443	1,442	1,434	1,436	1,437	1,436
Twenty-sixth	5,246	1,756	1,755	1,755	1,756	1,755	1,755	1,758	1,755
Twenty-seventh	4,849	1,816	1,819	1,817	1,817	1,816	1,817	1,815	1,814
Twenty-eighth	4,626	1,741	1,741	1,741	1,741	1,742	1,737	1,742	1,741
Twenty-ninth	3,952	1,294	1,293	1,293	1,295	1,294	1,295	1,297	1,295
Thirtieth	5,118	2,245	2,242	2,242	2,242	2,241	2,243	2,242	2,243
Thirty-first	5,664	3,071	3,071	3,070	3,069	3,072	3,070	3,069	3,071
Thirty-second	4,430	1,811	1,810	1,809	1,815	1,811	1,812	1,812	1,807
Thirty-third	2,490	1,004	1,001	1,000	1,003	1,002	1,002	1,002	1,002
Total	50,483	18,250	18,248	18,247	18,259	18,239	18,245	18,249	18,231

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	W. E. Smythe	F. M. Porter	I. L. Miller	J. Kahn	J. L. McCracken	P. W. Rowe	C. W. Hollowell	F. C. Sefton
Twenty-first	2,532	745	745	741	748	741	743	743	742
Twenty-second	1,446	560	561	561	559	559	562	559	559
Twenty-third	2,404	838	840	837	837	841	834	836	831
Twenty-fourth	2,994	919	927	920	921	919	921	916	916
Twenty-fifth	4,732	1,157	1,150	1,146	1,150	1,149	1,148	1,150	1,145
Twenty-sixth	5,246	1,078	1,085	1,078	1,082	1,079	1,078	1,076	1,078
Twenty-seventh	4,849	669	671	671	670	673	669	670	668
Twenty-eighth	4,626	731	730	727	729	727	729	727	728
Twenty-ninth	3,952	922	920	924	924	921	920	920	920
Thirtieth	5,118	741	745	742	745	739	741	741	738
Thirty-first	5,664	533	536	531	533	532	530	531	531
Thirty-second	4,430	560	563	557	560	556	565	558	558
Thirty-third	2,490	386	385	384	384	381	383	382	382
Total	50,483	9,839	9,858	9,819	9,842	9,817	9,828	9,809	9,796

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	I. Martin	R. H. Wight	G. H. Von der Mehden	W. C. Wise	Helen Moore.	R. W. Ryder	W. W. Cribbins	C. Quayle
Twenty-first	2,532	745	743	745	741	743	740	744	740
Twenty-second	1,446	560	560	561	561	562	558	558	558
Twenty-third	2,404	835	834	834	838	833	838	838	837
Twenty-fourth	2,994	921	920	923	921	913	920	923	916
Twenty-fifth	4,732	1,149	1,146	1,151	1,148	1,143	1,146	1,148	1,147
Twenty-sixth	5,246	1,078	1,082	1,086	1,080	1,072	1,078	1,077	1,074
Twenty-seventh	4,849	668	666	668	668	669	670	669	668
Twenty-eighth	4,626	730	728	734	740	733	728	729	727
Twenty-ninth	3,952	924	920	922	920	920	920	921	921
Thirtieth	5,118	740	737	743	744	741	739	739	739
Thirty-first	5,664	531	531	532	532	523	531	530	531
Thirty-second	4,430	559	558	560	560	557	560	559	560
Thirty-third	2,490	382	383	384	380	381	379	381	381
Total	50,483	9,822	9,808	9,843	9,833	9,790	9,807	9,816	9,799

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled—Republican	A. M. Drew	W. Glass	E. B. Hoover	S. V. Wright	J. T. Pope	M. Jones	C. E. Parish	T. K. Kase	S. W. Tullock	Mary J. Janney
Twenty-first	2,532	743	743	741	744	743	746	741	743	741	740
Twenty-second	1,446	558	559	557	559	558	558	559	558	558	556
Twenty-third	2,404	838	836	833	834	835	831	834	833	833	831
Twenty-fourth	2,994	923	922	922	920	921	918	921	919	917	904
Twenty-fifth	4,732	1,147	1,149	1,148	1,146	1,148	1,147	1,145	1,144	1,144	1,139
Twenty-sixth	5,246	1,079	1,078	1,076	1,077	1,079	1,077	1,076	1,075	1,077	1,068
Twenty-seventh	4,849	668	666	668	669	668	667	666	668	668	668
Twenty-eighth	4,626	728	727	728	728	729	728	727	726	724	725
Twenty-ninth	3,952	922	920	919	919	919	920	920	921	918	917
Thirtieth	5,118	742	741	736	740	740	738	737	734	735	735
Thirty-first	5,664	530	531	532	530	531	531	531	531	530	527
Thirty-second	4,430	561	559	559	561	559	563	560	559	561	556
Thirty-third	2,490	382	378	379	378	381	380	379	378	379	375
Total	50,483	9,821	9,809	9,798	9,805	9,811	9,804	9,796	9,789	9,785	9,741

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PRESIDENTIAL PRIMARY ELECTION MAY 14, 1912.
FOR PRESIDENTIAL NOMINEE.

Assembly District.	Total Vote Polled—Democratic	Woodrow Wilson.	Champ Clark
Twenty-first	812	228	489
Twenty-second	868	127	168
Twenty-third	652	160	358
Twenty-fourth	855	228	466
Twenty-fifth	1,182	292	707
Twenty-sixth	1,247	304	789
Twenty-seventh	1,009	285	642
Twenty-eighth	839	197	542
Twenty-ninth	1,115	235	678
Thirtieth	1,160	275	690
Thirty-first	925	317	492
Thirty-second	862	211	556
Thirty-third	447	119	262
Total	11,418	2,928	6,734

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled. Democratic.	A. Caminetti	J. D. Phelan	G. S. Patton	T. Spellacy	W. E. Duncan, Jr.	M. L. McDonald, Jr.	M. C. Kerr	W. A. Dower
Twenty-first	812	261	260	261	260	260	259	259	258
Twenty-second	363	159	160	158	158	158	160	159	157
Twenty-third	652	186	190	185	186	187	186	187	185
Twenty-fourth	855	276	282	276	278	275	277	273	276
Twenty-fifth	1,132	343	343	336	342	337	339	337	336
Twenty-sixth	1,247	341	345	336	339	338	336	340	335
Twenty-seventh	1,009	265	266	262	265	263	267	262	264
Twenty-eighth	839	220	223	217	219	216	218	217	218
Twenty-ninth	1,115	285	284	283	283	282	281	283	283
Thirtieth	1,160	316	324	316	318	314	319	318	317
Thirty-first	925	352	354	349	353	349	352	349	348
Thirty-second	862	230	235	231	231	226	234	228	229
Thirty-third	447	128	129	127	125	124	124	124	125
Total	11,418	3,362	3,395	3,337	3,357	3,329	3,352	3,336	3,331

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled. Democratic.	C. E. McLaughlin	G. E. Catts	E. R. Taylor	I. Ackerman	T. E. Hayden	C. W. Fay	W. B. Rinehart	J. E. Craig
Twenty-first	812	260	256	259	258	257	257	258	255
Twenty-second	363	158	158	159	159	157	157	157	158
Twenty-third	652	182	185	185	184	189	185	184	184
Twenty-fourth	855	276	275	277	274	276	275	272	275
Twenty-fifth	1,132	340	336	337	338	344	338	337	337
Twenty-sixth	1,247	341	340	337	338	339	339	337	336
Twenty-seventh	1,009	264	263	263	263	263	264	261	262
Twenty-eighth	339	217	217	220	219	221	219	215	215
Twenty-ninth	1,115	283	281	283	283	283	282	281	282
Thirtieth	1,160	317	318	318	315	316	319	316	315
Thirty-first	925	352	348	353	357	353	349	350	353
Thirty-second	862	229	228	231	234	230	228	227	212
Thirty-third	447	125	124	127	125	125	125	124	124
Total	11,418	3,344	3,329	3,349	3,347	3,353	3,337	3,319	3,308

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled. Democratic.	G. W. Cartright	J. K. Law	H. A. Blanchard	B. F. Thomas	Z. T. Malaby	L. A. Handley	C. Wellborn	J. P. Chandler
Twenty-first	812	257	255	256	257	255	257	256	255
Twenty-second	363	158	158	158	157	156	157	158	156
Twenty-third	652	182	184	184	183	185	184	184	184
Twenty-fourth	855	275	274	273	275	274	274	274	270
Twenty-fifth	1,132	339	336	337	336	335	339	337	336
Twenty-sixth	1,247	338	337	336	338	337	338	336	335
Twenty-seventh	1,009	261	262	261	262	261	261	261	261
Twenty-eighth	839	217	217	214	216	217	215	216	216
Twenty-ninth	1,115	282	283	281	282	282	281	281	282
Thirtieth	1,160	316	317	317	316	312	315	316	317
Thirty-first	925	352	350	350	349	349	350	349	349
Thirty-second	862	229	232	227	228	226	228	227	227
Thirty-third	447	125	126	123	125	123	124	124	124
Total	11,418	3,331	3,331	3,317	3,324	3,312	3,323	3,319	3,312

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled. Democratic.	A. Schoonover	G. M. Cooley	T. A. Bell	A. M. Stephens	J. V. Coleman	C. A. Barlow	C. B. Andross	C. O. Dunbar	W. B. Shearer
Twenty-first	812	255	254	527	522	524	523	524	525	522
Twenty-second	368	156	157	206	202	208	202	201	202	202
Twenty-third	652	183	184	400	396	397	396	396	398	396
Twenty-fourth	855	272	273	583	579	580	577	577	576	577
Twenty-fifth	1,132	334	338	805	797	799	797	798	797	797
Twenty-sixth	1,247	335	337	873	862	870	865	862	865	866
Twenty-seventh	1,009	261	262	722	715	719	720	718	717	718
Twenty-eighth	889	215	214	615	610	612	607	612	610	610
Twenty-ninth	1,115	282	281	808	800	802	802	801	801	802
Thirtieth	1,160	315	315	832	822	831	825	824	826	825
Thirty-first	925	350	348	557	554	555	558	554	554	553
Thirty-second	862	226	228	606	600	603	601	604	602	605
Thirty-third	447	123	125	306	302	303	303	300	302	304
Total	11,418	3,307	3,316	7,840	7,761	7,798	7,771	7,771	7,775	7,777

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled. Democratic.	J. V. Snyder	T. Fox	H. R. McNoble	H. T. Creswell	W. F. Humphrey	J. P. Maguire	W. A. Cole	R. M. Fitzgerald	F. C. Drew	Ed. O. Miller
Twenty-first	812	521	525	523	524	524	525	521	524	522	526
Twenty-second	363	201	202	203	202	204	203	203	203	202	202
Twenty-third	652	398	398	395	397	396	398	397	397	398	398
Twenty-fourth	855	575	578	578	580	583	576	573	583	578	577
Twenty-fifth	1,132	797	795	798	796	798	798	798	793	793	792
Twenty-sixth	1,247	867	866	864	869	867	870	865	870	866	866
Twenty-seventh	1,009	717	718	714	719	720	720	714	719	719	719
Twenty-eighth	839	608	608	611	611	609	612	611	610	611	611
Twenty-ninth	1,115	800	800	800	801	800	800	796	797	798	799
Thirtieth	1,160	826	825	825	825	826	830	825	826	828	822
Thirty-first	925	552	553	553	555	557	555	554	555	517	553
Thirty-second	862	604	603	602	602	604	601	604	602	603	603
Thirty-third	447	302	302	300	301	304	305	305	303	303	302
Total	11,418	7,768	7,773	7,766	7,782	7,792	7,793	7,766	7,782	7,738	7,770

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FOR DELEGATES TO NATIONAL CONVENTION.

Assembly District.	Total Vote Polled. Democratic.	G. W. Mordecai	J. W. Barneburg	W. H. Rogers	W. H. Hubbard	B. H. Smith	A. H. Kallmeyer	Milton K. Young	R. F. Garner	F. A. Salmons
Twenty-first	812	522	521	525	521	518	522	519	519	518
Twenty-second	863	202	202	202	202	203	201	203	202	200
Twenty-third	652	397	394	397	394	395	395	396	395	391
Twenty-fourth	855	574	575	580	575	577	577	575	575	571
Twenty-fifth	1,132	789	788	792	791	792	789	792	786	784
Twenty-sixth	1,247	865	864	867	868	867	865	867	864	862
Twenty-seventh	1,009	717	716	719	716	718	716	718	717	716
Twenty-eighth	839	610	608	611	609	611	608	611	609	610
Twenty-ninth	1,115	798	798	800	800	800	798	800	799	795
Thirtieth	1,160	820	824	824	822	824	821	827	822	822
Thirty-first	925	551	553	552	553	553	553	553	554	551
Thirty-second	862	599	602	602	605	603	603	602	601	598
Thirty-third	447	302	300	304	303	303	302	304	303	297
Total	11,418	7,746	7,745	7,775	7,759	7,764	7,750	7,767	7,746	7,715

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REPORT

OF

Board of Trustees

OF THE

San Francisco Public Library and Reading Rooms

FOR THE

Fiscal Year Ending June 30, 1912

BOARD OF TRUSTEES.

John H. Wise	778 McAllister Street
Edward R. Taylor	2326 California Street
Joseph O'Connor	338 Pine Street
Ralph C. Harrison	1998 Vallejo Street
Sheldon G. Kellogg	Crocker Building
James D. Phelan	Phelan Building
R. B. Hale	Sixth and Market Streets
Charles H. Bentley	120 Market Street
Max C. Sloss	3498 Clay Street
Eustace Cullinan	Phelan Building
Washington Dodge	2751 Pacific Avenue

The Mayor, ex-officio.
George A. Mullin, Secretary
Miss M. T. Tyler, Assistant Secretary.

COMMITTEE CHAIRMEN.

Ralph C. Harrison	Books
Joseph O'Connor	Building
John H. Wise	Rules
Edward R. Taylor	Finance
Charles H. Bentley	Branches
R. B. Hale	Municipal Relations
James D. Phelan	Printing and Binding
Sheldon G. Kellogg	Law

LIBRARIAN

William R. Watson.

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LIBRARY DIRECTORY.

Main Library	Hayes and Franklin Streets
Branch No. 1—Mission	1207 Valencia Street
Branch No. 2—McCreery	16th Street, near Market
Branch No. 3—North Beach	1457 Powell Street
Branch No. 4—Richmond	254 Fourth Avenue
Branch No. 5—Park	Page Street, near Cole
Branch No. 6—Fillmore	2435 Sacramento Street
Station A, Ocean View	379 Capitol Avenue
Station B, Potrero	Nineteenth and Iowa Streets
Station C, Noe Valley	1301 Castro Street
Station D, Sunset	1232 Ninth Avenue
Station E, South San Francisco	1202 Railroad Avenue
Station F, Glen Park	2975 Diamond Street
Station G, Oceanside	Judah Street and Forty-eighth Avenue
Station H, Visitacion Valley	100 Leland Avenue
Station I, San Bruno	2598 San Bruno Avenue
Station J, Golden Gate Valley	1815 Union Street
Station K, Excelsior	4564 Mission Street
Station L, Polk Street	1303 Polk Street

REPORT OF PRESIDENT

San Francisco, August 5, 1912.

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—Pursuant to the provisions of Article XVI, section 9, of the Charter, the Board of Trustees of the Public Library and Reading Rooms presents this report of its activities for the fiscal year ending June 30, 1912.

For the support of the Library during the year the Board of Supervisors levied a tax of .016 cents on each one hundred dollars of the valuation of property assessed for taxation. This produced for our use the sum of $78,358.18. The necessary current expense of the Library, with its branches and deposit stations, fully exhausts this appropriation. It has, accordingly, been impossible for the Trustees to extend the service by the establishment of additional branches, although, as pointed out in our last report, there is urgent need for one or two more branches. The trustees fully recognize the justice of the requests frequently pressed upon them by the inhabitants of several populous outlying districts, for the installation of branch libraries, but have been unable, for lack of the necessary funds, to comply with such requests. We may mention particularly, in this connection, the Sunset District and Noe Valley, each of which is so situated as to fairly need the facilities of a branch library. In the Richmond District, too, while we now have a branch, the quarters occupied are entirely inadequate, and a new building should be provided. In this connection, we would report that Branch Library No. 6, situated at No. 2435 Sacramento Street, has been materially enlarged and otherwise improved.

Further extension of the service through deposit stations would also be very beneficial, but has, for the reason stated, been impossible to the desired extent. We have, however, been able to add two such stations. Through the exertions of the Polk Street District Improvement Club, and the generous interest of Mr. R. Shapro, a station has been established at 1303 Polk Street, without cost to the city. A downtown station, a convenience long called for, will soon be instituted in the Emporium, the management having agreed to furnish space and to conduct the station without expense to the Library.

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Notwithstanding the difficulties referred to, the Library has, during the past year, shown a gratifying gain in several important directions. The total number of volumes in the Library (including branches and deposit stations) on June 30, 1912, was 120,105, as against 107,324 on June 30, 1911. The number of volumes circulated during the year 1911-12 was 821,162, a gain of 10,370 over 1910-11. 19244 cards were issued during the year, a number somewhat larger than that of the preceding year.

The disbursements of the year amounted to $79,840.95, distributed as follows:

	Disbursements Amount	Percentages
Books	$15,348.19	19.2
Periodicals	1,930.17	2.4
Binding	6,124.98	7.7
Furniture and Repairs	5,684.79	7.1
Printing and Stationery	2,813.54	3.5
Salaries	42,754.25	53.6
Miscellaneous	5,189.98	6.5
	$79,840.95	100.00

It will be seen from the above table that nearly thirty per cent of the total income was expended for books, periodicals and binding, a very satisfactory showing, as will appear from an inspection of the reports of libraries in other large cities.

The large collection of music, secured to the Library through the enthusiastic interest and influence of Mr. Julius Weber, has been made useful and available to the public by the preparation and publication of a complete catalogue. A similar catalogue, or finding list of English fiction, and one of French fiction have also been issued.

Mr. Colin M. Boyd, for many years a devoted and valued member of this Board, resigned in September, 1911, on account of failing health. The vacancy was filled by the election of Dr. Washington Dodge.

We have also to report the loss to the Library of our librarian, Mr. William R. Watson. Mr. Watson's health had become impaired to such an extent that he felt obliged to tender his resignation, which the Board, on March 1, 1912, regretfully accepted. No successor has as yet been selected. Mr. Robert Rea, formerly assistant librarian, has in the interim served as acting librarian to the entire satisfaction of the Board.

Our greatest need, for several years past, has been the erection of a Main Library Building, suitable in size, construction and architectural design to the demands of a great and growing city. The number of books owned by the Library, and the use made of the Library by the reading public, have grown to such an extent as to make this need more urgent and imperative than ever. Our stacks are filled to their capacity, and the reference and reading rooms, as well as other parts of the present building, are entirely inadequate to the demands upon them. As your Honor is aware, the unsold balance of the bonds heretofore authorized to be issued for the acquisition of a site and the erection of a main library building thereon, are, by reason of the low rate of interest and the charter provision prohibiting sales of municipal bonds at less than par, not marketable. Enough of the bonds had, however, been sold before the disaster of 1906 to purchase the block upon which the present temporary main library building stands. Various plans for raising the money necessary for the construction of a new building have, from time to time, been suggested. Mr. Andrew Carnegie's offer to give to the city the sum of $750,000.00 for the erection of main and branch libraries, at least one-third of the sum to be applied to the construction of branches, has been formally accepted by the Board of

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Supervisors, and $500,000.00 of this sum would seem to be available for the proposed main building. In addition, there is, in the treasury, the balance remaining from the sale of bonds of the issue of 1893, amounting to $123,497.88. The present Board of Supervisors has, within the past few months, instructed this Board to proceed with the erection of a Main Library Building in the civic center, with such funds as may be or may become available. This does not, as the Board understands, authorize the erection of a building upon the site purchased and now held for that purpose. It is no doubt desirable that, in connection with the general scheme for beautifying the city by the creation of a civic center, the Library building should be so designed and placed as to harmonize with and become a part of the group of public buildings to be erected. If this object is to be accomplished, it will be necessary that the Board of Library Trustees be provided with a new site within or adjacent to the civic center. A committee of this Board has been in consultation with the architectural commission, and has reached a tentative agreement for the selection of a block of land as a site for the Library in lieu of the present site. The acquisition of a part of this block will require action by the Board of Supervisors beyond that already taken for the condemnation of lands for the civic center. It is suggested, therefore, that this matter, together with the question of the proceedings necessary to authorize the transfer of the main Library building from the block already acquired for the purpose to a new site, be referred to the City Attorney for his advice. For particulars regarding the income and expenditures of the Library and the work of its employees, we beg to refer to the accompanying reports of the Secretary and of the Acting Librarian.

Respectfully submitted, by order of the Board of Trustees of the Public Library and Reading Rooms.

M. C. SLOSS, President.

REPORT OF THE SECRETARY.

To the Trustees of the San Francisco Public Library and Reading Rooms:

Gentlemen:—Following is a statement showing the Receipts and Expenditures for the year ending June 30, 1912:

RECEIPTS.

Balance in the Treasury, June 30, 1911		$23,746.47	
Cash on hand (with Sec'y), June 30, 1911		241.45	
Taxes	$78,358.18		
Fines collected	2,828.25		
Books lost and paid for	186.70		
Reserve postals sold	213.60		
Catalogues sold	1.75		
Subscriptions to Monthly Bulletin	2.50		
Old newspapers sold	6.00		
Old iron sold	1.00		
Refund on insurance	63.35		
Witness fee	1.00		
Total Receipts		81,662.33	
			$105,650.25

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DISBURSEMENTS.

Books	$15,343.19		
Periodicals	1,930.17		
Catalogue cards	405.18		
Printing	2,268.36		
Binding	6,124.98		
Stationery	140.00		
Furniture and Repairs	5,684.79		
Expense sundry	1,254.90		
Fuel	602.15		
Water	481.28		
Insurance	91.65		
Salaries	42,754.25		
Rent of branches	2,760.00		
Total Disbursements		$79,840.90	
Balance in the Treasury, June 30, 1912		25,528.10	
Cash on hand (with Sec'y), June 30, 1912		281.25	
			$105,650.25

RECORD OF DELINQUENTS.

	FINES	Amount	Total
33,077	Fines collected, amounting to	$2,828.25	
847	Fines uncollected, amounting to	149.15	
33,924	Fines imposed, amounting to		$2,977.40

BOOKS LOST AND BORROWERS' CARDS CANCELLED.

Main Library—19 volumes, amounting to	$ 25.00	
Branch No. 1—11 volumes, amounting to	14.20	
Branch No. 2— 1 volume, amounting to	.50	
Branch No. 3— 3 volumes, amounting to	1.90	
Branch No. 4— 1 volume, amounting to	2.33	
Branch No. 5— 4 volumes, amounting to	1.33	
Branch No. 6— 4 volumes, amounting to	3.34	
Deposit Stat. — 2 volumes, amounting to	1.67	
Total .....45 volumes amounting to		$ 50.27

BOOKS LOST AND PAID FOR.

190 volumes, amounting to 186.70

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STATEMENT OF EXPENSES FOR BRANCHES AND STATIONS.

	Branch No. 1	Branch No. 2	Branch No. 3	Branch No. 4	Branch No. 5	Branch No. 6	Station A	Station B	Station C
Salaries	$2,940.60	$2,385.15	$1,785.65	$1,665.80	$2,644.85	$2,884.65	$ 186.00	$ 180.00	$ 180.00
Rent	1,440.00		900.00	420.00					
Furniture and repairs	36.00	504.59	42.25	125.28	82.05	2,957.28			
Expense Sundry	40.05	36.40	27.35	34.50	108.60	55.75	3.55	2.80	.65
Fuel	68.00	169.00	79.00	21.00	131.00	134.15			
Insurance				58.50					
Water	24.05	102.74	23.05		25.50	22.30			
Periodicals	135.35	134.40	122.30	117.00	134.10	145.15			
Printing and Stationery	57.05	40.10	37.05	45.20	63.20	60.30	4.50	3.60	3.95
Binding	755.52	542.95	266.50	378.65	580.75	553.89			
Books	1,267.86	894.57	546.93	931.30	1,249.62	1,136.13			
Totals	$6,764.48	$4,809.90	$3,830.08	$3,797.23	$5,014.67	$7,449.55	$ 194.05	$ 186.40	$ 184.60

	Station D	Station E	Station F	Station G	Station H	Station I	Station J	Station K	Station L	Deposit Collection
Salaries	$ 180.00	$ 180.00	$ 180.00	$ 180.00	$ 180.00	$ 144.00	$ 180.00	$ 180.00		
Rent										
Furniture&Repairs										
Expense Sundry	1.70	.90	1.10	.45	1.95	12.80	16.45	16.55	12.90	
Fuel										
Insurance										
Water										
Periodicals										
Printing&Sationery	3.75	3.90	3.65	4.05	4.30	3.50	5.20	4.05	2.50	
Binding										
Books										$1,144.59
Totals	$ 185.45	$ 184.80	$ 184.75	$ 184.50	$ 186.25	$ 160.30	$ 201.65	$ 200.60	$ 15.40	$1,144.59

SUMMARY OF EXPENSES OF BRANCHES AND STATIONS.

Total, Salaries	$15,758.70	Water	197.64
Rent	2,760.00	Periodicals	788.30
Furniture and Repairs	3,747.40	Printing and Stationery	349.85
Expense Sundry	369.45	Binding	3,078.26
Fuel	602.15	Books	7,171.00
Insurance	58.50		
		Grand Total	$34,879.25

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REPORT OF THE ACTING LIBRARIAN

To the Trustees of the Public Library and Reading Rooms of the City and County of San Francisco:

Gentlemen:—I have the honor to submit herewith the report of the Acting Librarian for the fiscal year ending June 30, 1912:

While it is only by statistics that we are able to ascertain the growth and use of the Library, it is to be regretted that no official record is kept of the immense volume of work handled through our reference department, the efficiency of which is recognized by all. This, as well as all other departments, has shown a steady growth. The greater part of the circulation of books for home use is still delivered through the medium of our branches and deposit stations, which, in conjunction with the Main Library, have delivered 821,162 volumes. This is 9063 less than the largest circulation ever recorded by the Library before its destruction in April, 1906, when the general collection had 40,352 volumes more to draw from than at present. There has been a gain of 980 card holders over last year, making a total of 38,454 cards in force.

The opening of the information desk at the Main Library has added greatly to the efficiency of the service, as well as relieving other departments from work that can be handled more expeditiously from this source.

It has been found necessary to move the classes of biography and history to the second floor of the stack room, and while this gave temporary relief to the congested condition of our shelves, it is now almost impossible to find space to place the recent additions to the Library. The stacks were built originally to accomodate 60,000 volumes of ordinary size, and as the main collection now amounts to 61,499 volumes, many of which are large and bulky, you can readily see that a new tier to the stack is imperative.

The automobile service to the branches and deposit stations, while not long in use, has proved a success from the beginning, the delivery being more prompt and not divided as has been necessary in the past, when the load was too large to be handled by the messenger. There has also been a great saving to the binding of books which were damaged by the necessity of the pack being tightly strapped and the wear and tear received by the hauling on and off street cars.

Some of the branch librarians have spent a month at the Main Library, working in different departments with a view to being more fully acquainted with the books of the main collection and the systems in vogue in the various departments. This has already shown beneficial results by the splendid co-operation now existing between the branches and the Main Library.

All of the music collection has been bound and catalogued, and is now available to our patrons. Mr. Julius Weber, through whose kindness this department was made possible, has given much of his valuable time and assistance during the year in the compilation of the catalogue.

ACCESSIONS AND GIFTS.

The large increase in volumes added to our collection has been partly due to the generosity of the late Mr. P. N. Lilienthal, whose library amounting to 1540 volumes has been one of the most valuable additions to our shelves, supplying as it does many classes that have hitherto been neglected through the want of funds. A number of volumes of this collection that were already to be found at the Main Library were sent to the branches, where they were greatly appreciated.

Another gift has been that of Mr. J. P. Barrett, who kindly presented the Library with 351 volumes of general literature and history, very few titles of which the Library had. Numerous other gifts have been extended to the Library during the year, a list of which will be found in appendix IX to this report.

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There were 18,413 volumes added and 5,682 worn out and withdrawn, leaving a net gain of 12,731 and a total of 120,105 volumes in the general collection. Although more headway was made this year in replacing our destroyed collection, the larger part of the $15,343.19 expended for books was for publications of recent issue and the replacing of worn out volumes.

PRINTING AND BINDING.

Three finding lists were printed and bound during the year, besides the monthly bulletin and index. The finding list of French fiction has supplied a want that has been felt for some time and it is to be hoped that in the near future it will be possible to publish a finding list of all books in foreign languages. A finding list of English fiction has been issued and has been of much service, not only to the Main Library, but to the branches and deposit stations, where they now have a record of what may be procured from the main collection. The finding list of music and literature of music was issued in the early part of June and while the compilation of this catalogue has taken an immense amount of labor and time, it will prove to be of permanent value to the Library, as few musical collections of this size are available to the public.

There were 8868 volumes sent to the bindery, a decrease of 764, which was caused by the large amount of music bound the year before. With the increased cost of binding it has been found impossible with the funds at hand to bind the large accumulation of valuable pamphlets received from various institutions.

CATALOGUE DEPARTMENT.

The number of volumes catalogued during the year was 17,709.

	New Titles	Additional Copies	Replacement Copies	Total.
Main Library	4,519	1,689	1,112	7,320
Branches	5,645	1,039	3,705	10,389
Totals	10,164	2,728	4,817	17,709

The crowded condition of the catalogue has made it necessary to add a 54-tray section to the cabinet. The official shelf list for the branches at the Main Library is being replaced by a special form of card, allowing room for the records of eight branches and deposit stations, in place of the old system which could only accommodate four branches on a card. This work has been progressing very rapidly, two-thirds of the work having been already accomplished. A finding list of French fiction, containing about 550 titles, was issued early in the year and a supplementary list of 133 titles published in the monthly bulletin of January, 1912, has brought this up to date. A finding list of English fiction, by author and title, containing about 9,150 entries was issued early in March. This is being kept up to date by filing the additions in a special cabinet, to be printed as a supplement to the main catalogue at such time as it may be found necessary. A finding list of music and the literature of music, amounting to 2,650 entries, has been issued, which has been divided into two parts, part one containing musical compositions and part two the literature of music. The preparation of this list has involved much time and work, as it was found necessary to re-classify and catalogue the greater part of the music collection. A supplement to this list has been kept up to date for the reference of the public and the printing of a supplementary list.

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BRANCHES AND DEPOSIT STATIONS.

While there has been a general demand from all parts of the city for branches and deposit stations, it has not been found feasible with our limited appropriation to extend the Library service. A station was opened in March, at 1303 Polk Street, in the store of Mr. R. Shapro, without cost to the city, and for the four months circulated 1503 volumes. There are now twelve stations, which have circulated through the year 78,173 volumes. While the service at these stations is not up to the standard of our branches, where we have trained assistants, they do exceptional work with the facilities that they have. There have been circulated from the six branches 564,903 volumes, Mission Branch, No. 1, having issued 138,455. McCreery Branch, No. 2, with its splendid collection of books, circulated 93,071 volumes. Some much needed repairs have been made to the building. North Beach Branch, No. 3, still maintains its regular circulation, having delivered 44,387 volumes during the year. It has been well supplied with foreign literature, as it derives much of its circulation through this source. Richmond Branch, No. 4, in its cramped quarters, has made greater strides than any other branch. In the year 1904-5 it circulated 32,231 volumes, which now has more than doubled by its delivery of 77,079 for the year. There is great need of a new building for the branch. Park Branch, No. 5, has kept the high standing made from its opening, having circulated 115,284 volumes. A number of the volumes of the Lilienthal collection were placed in this branch. Fillmore Branch, No. 6, circulated for home use 96,627 volumes. The adding of the much needed shelf room and floor space has made this branch exceedingly attractive and comfortable.

REFERENCE DEPARTMENT.

There is an immense volume of general reference work accomplished by this department, which has, in addition, the care of maps, patent reports, periodicals and current newspapers. The unbound pamphlets, which in the past have been indexed by the Catalogue Department, were transferred to this department, as it was found they could be handled to better advantage here. Among the many duties of the reference librarian has been that of compiling the reading listes appearing in the Monthly Bulletin.

THE STAFF.

An examination of sixteen applicants for positions in the Library service was held on May 18 and 25. Of this number nine passed successfully and have been working the probationary period of four weeks at the Main Library and branches. From reports at hand it would seem that they will prove valuable assistants. The questions asked at these examinations may be found in appendix VIII to this report.

The resignation of Miss Page, assistant at Branch No. 2, and the death of Mrs. Loveland, who for many years was librarian of the Phelan branch, and at the time of her death had charge of the Park Branch, have deprived the Library of two valuable assistants. These vacancies were filled by the appointment of Miss Young and Miss Burns as general assistants.

I cannot speak too highly of the spirit shown by the members of the staff in their endeavors to promote the usefulness of the Library, and the obliging and courteous treatment shown to the public.

Respectfully submitted,

ROBERT REA, Acting Librarian.

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APPENDIX I

CARDS ISSUED—1911-1912

Branches and Stations.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
Main Library	346	385	531	435	445	366	512	464	500	430	404	349	5167
Branch No. 1	195	315	265	262	260	188	352	294	333	263	210	248	3185
Branch No. 2	118	131	167	151	169	106	250	162	160	141	120	117	1795
Branch No. 3	74	79	80	80	69	53	111	78	96	89	78	71	958
Branch No. 4	95	126	115	125	149	97	142	129	123	166	110	148	1525
Branch No. 5	140	141	139	248	393	252	356	234	263	192	151	185	2694
Branch No. 6	173	219	153	196	163	132	196	227	200	181	221	220	2281
Station A	10	8	3	10	5	6	11	19	27	18	17	6	140
Station B	15	19	18	10	19	14	46	29	22	21	12	10	235
Station C	12	19	8	20	17	9	26	19	16	9	15	10	180
Station D	9	8	6	12	9	13	15	10	6	6	14	13	121
Station E	3	3	4	8	8	5	15	18	11	7	1	10	93
Station F	7	9	1	11	10	5	7	9	3	5	15	11	93
Station G	12	10	7	12	8	3	17	4	13	11	3	13	113
Station H	7	5	5	4	24	16	11	10	7	8	10	9	116
Station I	6	3	2	0	50	9	12	27	17	9	5	2	142
Station J	9	10	16	13	17	19	14	10	11	13	11	26	169
Station K	2	9	4	7	16	4	3	11	6	10	12	11	95
Station L									4	44	54	40	142
Total	1233	1502	1524	1604	1831	1297	2096	1754	1818	1623	1463	1499	19244

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APPENDIX II

BRANCH LIBRARIES
CIRCULATION BY MONTHS.

	1911						1912						Total
	July	Aug.	Sept.	Oct	Nov.	Dec.	Jan.	Feb.	March	April	May	June	
Branch Library No. 1—													
Books from Branch	10686	11328	10922	11567	11304	10694	11978	11243	12700	12051	11574	11102	137149
Books from Main Library	84	108	110	102	99	92	118	135	114	120	123	101	1306
Total	10770	11436	11032	11669	11403	10786	12096	11378	12814	12171	11697	11203	138455
Branch Library No. 2—													
Books from Branch	7267	7538	6750	7786	7911	7859	7810	7082	8253	7925	7795	7753	91729
Books from Main Library	70	101	108	144	130	113	111	151	152	101	82	79	1342
Total	7337	7639	6858	7930	8041	7972	7921	7233	8105	8026	7877	7832	93071
Branch Library No. 3—													
Books from Branch	3092	3321	3162	3362	3305	3187	3735	3701	4118	3939	3965	3733	42620
Books from Main Library	102	144	143	160	168	99	131	142	146	202	172	158	1767
Total	3194	3465	3305	3522	3473	3286	3866	3843	4264	4141	4137	3891	44387
Branch Library No. 4—													
Books from Branch	5960	5973	5648	6311	5731	5905	6521	6198	6515	6701	6694	6196	74353
Books from Main Library	242	254	243	210	257	176	255	229	266	250	195	149	2726
Total	6202	6227	5891	6521	5988	6081	6776	6427	6781	6951	6889	6345	77079
Branch Library No. 5—													
Books from Branch	8912	9424	8590	9401	9198	8575	10346	9400	9799	9871	9415	8907	111868
Books from Main Library	201	274	241	291	323	255	285	335	294	345	301	271	3416
Total	9113	9698	8831	9692	9521	8830	10631	9735	10093	10216	9716	9178	115284
Branch Library No. 6—													
Books from Branch	7734	8031	7585	7647	7183	7013	8095	7677	8502	8212	8568	8161	94408
Books from Main Library	147	190	169	177	147	197	171	179	225	240	209	168	2219
Total	7881	8221	7754	7824	7330	7210	8266	7856	8727	8452	8777	8329	96627

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APPENDIX III

STATIONS.

CIRCULATION BY MONTHS.

	1911						1912						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June	Total
Station A	430	557	546	524	543	507	638	539	584	670	696	658	6892
Station B	434	469	697	765	663	814	814	717	805	822	815	799	8614
Station C	487	539	410	490	527	428	526	429	397	539	441	435	5648
Station D	435	513	421	391	461	444	576	410	518	507	497	402	5575
Station E	300	286	287	353	248	304	370	398	392	393	321	279	3931
Station F	564	726	486	676	1056	727	746	661	651	720	657	625	8295
Station G	366	358	289	235	380	371	496	389	476	430	415	257	4462
Station H	290	354	358	348	461	1095	983	762	714	790	688	529	7372
Station I	310	396	279	387	611	637	776	781	755	895	800	732	7359
Station J	1165	1039	1136	1013	1050	1026	1170	1060	1096	1137	984	914	12790
Station K	488	553	405	503	503	466	615	493	440	506	404	356	5732
Station L									25	343	562	573	1503
Total	5269	5790	5314	5685	6503	6819	7710	6639	6853	7752	7280	6559	78173

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APPENDIX IV

SUMMARY OF CIRCULATION BY MONTHS.

	Main Library	Branch No. 1	Branch No. 2	Branch No. 3	Branch No. 4	Branch No. 5	Branch No. 6	Deposit Stations	Total
July—1911	13787	10770	7337	3194	6202	9113	7881	5269	63553
August	14700	11436	7639	3465	6227	9698	8221	5790	67176
September	13924	11032	6858	3305	5891	8831	7754	5314	62909
October	14013	11669	7930	3522	6521	9692	7824	5685	66856
November	13992	11403	8041	3473	5988	9521	7330	6503	66251
December	13630	10786	7972	3286	6081	8830	7210	6819	64614
January—1912	15282	12096	7921	3866	6776	10631	8266	7710	72548
February	14909	11378	7233	3843	6427	9735	7856	6639	68020
March	16243	12814	8405	4264	6781	10093	8727	6853	74180
April	16203	12171	8026	4141	6951	10216	8452	7752	73912
May	16251	11697	7877	4137	6889	9746	8777	7280	72654
June	15152	11203	7832	3891	6345	9178	8329	6559	68489
Total	178086	138455	93071	44387	77079	115284	96627	78173	821162

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APPENDIX V

CIRCULATION BY CLASSES.

	Main Library		Branch No. 1		Branch No. 2		Branch No. 3		Branch No. 4		Branch No. 5		Branch No. 6		Deposit Stations		Total	
	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.
General Works—																		
Adult	145	.09	22	.02	2	.00	18	.05	9	.01	30	.03	32	.04	2	.00	260	.04
Juvenile	.....	.00	.....	.00	.....	.00	.....	.00	.....	.00	.....	.00	.....	.00	1	.00	1	.00
Total	145	.08	22	.01	2	.....	18	.04	9	.01	30	.02	32	.03	3	.00	261	.03
Magazines—																		
Adult	1857	1.20	2914	3.02	1869	2.73	1425	3.21	2788	5.01	2053	2.29	2829	3.70	114	.22	15849	2.52
Juvenile	235	.98	925	2.10	631	2.54	441	3.24	384	1.31	286	1.32	345	1.80	15	.05	3262	1.68
Total	2092	1.17	3839	2.77	2500	2.68	1866	4.18	3172	4.11	2339	2.28	3174	3.28	129	.16	19111	2.36
Philosophy—																		
Adult	2336	1.57	278	.28	171	.24	116	.34	142	.25	533	.56	352	.45	35	.06	3963	.63
Juvenile	49	.19	15	.03	9	.03	11	.08	13	.06	4	.01	31	.11	.....	.....	132	.06
Total	2385	1.28	293	.21	180	.19	127	.28	155	.20	537	.46	383	.39	35	.04	4095	.49
Religion—																		
Adult	2314	1.50	462	.49	495	.72	173	.76	320	.57	675	.61	571	.78	161	.31	5171	.85
Juvenile	245	1.19	200	.47	173	.69	88	.64	72	.33	116	.53	154	.81	63	.23	1111	.57
Total	2559	1.43	662	.47	668	.71	261	.56	392	.50	791	.68	725	.71	224	.29	6282	.76
Sociology—																		
Adult	4467	2.95	640	.66	623	.91	330	1.07	533	.95	937	.99	676	.87	165	.32	8371	1.33
Juvenile	70	.20	45	.10	190	.76	22	.16	25	.11	78	.36	36	.21	117	.44	583	.30
Total	4537	2.54	685	.49	813	.86	352	.79	558	.71	1015	.88	712	.74	282	.36	8954	1.09
Philology—																		
Adult	499	.32	16	.01	59	.08	52	.26	14	.02	41	.04	40	.05	17	.03	738	.14
Juvenile	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....
Total	499	.28	16	.01	59	.08	52	.11	14	.01	42	.03	40	.04	17	.02	739	0.01

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APPENDIX V—Continued

CIRCULATION BY CLASSES—Continued.

	Main Library		Branch No. 1		Branch No. 2		Branch No. 3		Branch No. 4		Branch No. 5		Branch No. 6		Deposit Stations		Total	
	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent.	Vols.	Per Cent	Vols.	Per Cent.
Natural Science—																		
Adult	2805	1.81	717	.74	588	.86	162	.62	390	.70	782	.83	590	.76	139	.25	6173	.98
Juvenile	446	1.85	529	1.25	334	1.34	310	2.28	388	1.80	281	1.30	327	1.69	99	.34	2714	1.34
Total	3251	1.08	1246	.89	922	.99	472	1.06	778	1.00	1063	.92	917	.99	238	.30	8887	1.08
Useful Arts—																		
Adult	6544	4.30	1243	1.08	907	1.33	367	1.19	566	1.00	1259	1.34	676	.87	126	.26	11688	1.86
Juvenile	235	.98	347	.82	292	1.17	180	1.32	162	.92	153	.71	199	1.03	41	.14	1609	.92
Total	6779	3.80	1590	1.14	1199	1.28	547	1.23	728	.94	1412	1.22	875	.99	167	.21	13297	1.61
Fine Arts—																		
Adult	4999	3.22	341	.35	432	.63	209	.77	323	.56	870	.90	499	.63	58	.13	7731	1.23
Juvenile	71	.29	45	.10	106	.42	32	.23	21	.09	18	.08	20	.10	18	.06	331	.17
Total	5070	2.84	386	.27	538	.57	241	.54	344	.44	888	.77	519	.53	76	.09	8062	.98
Sports, Pastimes—																		
Adult	912	.59	270	.29	250	.36	83	.36	153	.27	310	.33	203	.26	59	.11	2240	.35
Juvenile	347	1.45	554	1.49	367	1.48	196	1.56	357	1.65	276	1.28	275	1.37	78	.30	2450	1.26
Total	1259	.70	824	.59	617	.66	279	.74	510	.66	586	.50	478	.49	137	.17	4690	.57
Literature—																		
Adult	8249	5.34	1872	1.93	2024	2.99	1166	3.75	1455	2.62	2525	2.69	2853	3.68	555	1.09	20699	3.80
Juvenile	591	2.47	690	1.63	673	2.71	406	2.98	433	2.18	428	2.28	439	2.27	128	.46	3788	1.95
Total	8840	4.96	2562	1.85	2697	2.90	1572	3.54	1888	2.44	2953	2.46	3292	3.40	683	.87	24487	2.98
History—																		
Adult	4145	2.68	1705	1.76	1563	2.28	447	1.45	1073	1.93	1742	1.75	1808	2.33	315	.61	12798	2.04
Juvenile	1025	4.29	1498	3.55	978	3.91	763	5.61	695	3.23	831	3.85	922	4.79	225	.82	6937	3.57
Total	5170	2.90	3203	2.31	2541	2.73	1210	2.72	1768	2.29	2573	2.23	2730	2.86	540	.69	19735	2.40

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Travel—																		
Adult	6570	4.25	1600	1.66	1191	1.78	693	2.31	874	1.57	2091	2.23	1836	1.72	278	.56	14638	2.33
Juvenile	856	3.58	1300	3.08	682	2.75	916	6.66	928	4.31	719	3.36	660	3.43	422	1.56	6483	3.33
Total	7426	4.16	2900	2.09	1873	2.01	1609	8.62	1802	2.33	2810	2.43	1996	2.06	700	.91	21116	2.57
Biography—																		
Adult	5572	3.60	875	.90	1074	1.57	873	1.31	592	1.06	1408	1.50	974	1.25	141	.29	11009	1.75
Juvenile	757	3.16	899	2.10	800	3.33	479	3.52	484	2.25	538	2.70	586	3.05	184	.67	4727	2.43
Total	6329	3.55	1774	1.20	1874	2.11	852	1.91	1076	1.39	1946	1.60	1560	1.65	325	.43	15736	1 96
Fiction—																		
Adult	94087	60.95	80950	84.44	55524	81.31	22214	72.96	45188	81.41	76851	82.05	62288	80.55	48081	94.57	485183	77.38
Juvenile	18961	79.37	35111	83.28	19550	78.87	9750	71.72	17545	81.76	17808	82.22	15307	79.34	25946	94.93	159978	82.42
Total	113048	64.35	116061	83.98	75074	80.63	31964	72.01	62733	81.48	94659	82.10	77595	80.29	74027	94.71	645161	78.61
Foreign Fiction—																		
Adult	8697	5.63	2391	2.37	1514	2.21	2965	9.59	1152	2.07	1640	1.86	1599	2.06	590	1.16	20548	3.27
Juvenile	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
Total	8697	4.88	2392	1.72	1514	1.62	2965	6.67	1152	1.49	1640	1.42	1599	1.55	590	.75	20549	2.50
Total Adult Circulation	154198	100.00	96296	100.00	68286	100.00	30793	100.00	55572	100.00	93747	100.00	77326	100.00	50836	100.00	627054	100.00
Total Juvenile Circulation	23888	100.00	42159	100.00	24785	100.00	13594	100.00	21507	100.00	21537	100.00	19301	100.00	27337	100.00	194108	100.00
Grand Total	178086	100.00	138455	100.00	93071	100.00	44387	100.00	77079	100.00	115284	100.00	96627	100.00	78173	100.00	821162	100.00

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APPENDIX VI

GENERAL SUMMARY—1911-1912

	Main Library	Branch No. 1	Branch No. 2	Branch No. 3	Branch No. 4	Branch No. 5	Branch No. 6	Deposit Stations	Total
Volumes Circulated	178086	138455	93071	44387	77079	115284	96627	78173	821162
Cards Issued	5167	3185	1795	958	1525	2694	2281	1639	19244
Cards in Force	9858	6530	4133	2058	3170	4738	4890	3077	38454
Volumes Sent to Bindery	2497	1379	977	304	720	1222	1190	579	8868
Volumes Added	8690	1721	1279	832	1174	1892	1450	1375	18413
Volumes Withdrawn	923	1340	847	231	573	342	1176	212	5644
Volumes in Library, June 30, 1912	61499	10731	9689	5376	5870	8894	10220	7826	120105

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APPENDIX VII
GENERAL SUMMARY—1904-1912

	MAIN LIBRARY				BRANCH NO. 1				BRANCH NO. 2			
	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.
1904-05	7,087	126,325	384,424	19,417	1,471	8,162	128,396	5,780	1,557	4,735	74,162	3,844
1905-06	No Records.											
1906-07	*16,006	17,201	.....	.....	2,139	8,653	102,139	5,229	1,603	6,318	85,846	4,837
1907-08	8,468	25,215	30,881	2,247	1,408	8,998	133,052	7,982	878	6,470	104,428	7,313
1908-09	14,591	39,393	141,031	7,048	1,680	9,565	136,456	6,882	1,394	7,392	96,383	5,282
1909-10	9,373	48,357	160,516	9,105	1,962	10,235	133,439	7,052	1,769	8,482	87,789	4,687
1910-11	6,579	53,732	163,954	8,995	2,091	10,350	136,104	6,848	1,282	9,257	93,567	4,219
1911-12	8,690	61,499	178,086	9,858	1,721	10,781	138,455	6,530	1,279	9,689	93,071	4,133

	BRANCH No. 3				BRANCH NO. 4				BRANCH NO. 5			
	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.
1904-05	651	4,766	49,265	2,546	428	2,949	32,231	1,269	648	4,094	39,452	1,965
1905-06	No Records.											
1906-07	.....	.....	.....	.....	779	3,216	37,060	1,872	.....	.....	.....	.....
1907-08	.....	.....	.....	.....	405	3,384	50,031	2,425	.....	.....	.....	.....
1908-09	2,718	2,718	27,371	1,312	1,021	4,011	57,882	2,682	.....	.....	.....	.....
1909-10	1,488	4,198	40,338	2,002	1,497	4,956	63,716	2,739	6,607	6,604	79,643	3,251
1910-11	647	4,775	45,438	1,790	808	5,269	73,412	2,821	895	7,344	115,775	5,295
1911-12	832	5,376	44,387	2,058	1,174	5,870	77,079	3,170	1,892	8,894	115,284	4,738

	BRANCH NO. 6				DEPOSIT STATIONS				TOTALS			
	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.	Vols. Added.	Total No. Vols.	Vols. Circ.	Cards in Force.
1904-05	1,290	6,895	96,488	4,620	397	2,532	23,807	1,538	13,529	160,457	830,225	40,479
1905-06	No Records.											
1906-07	1,850	7,561	104,028	6,770	.....	1,602	20,573	1,114	22,377	44,551	349,646	19,822
1907-08	1,277	7,943	120,439	8,427	753	2,307	26,656	1,671	13,189	54,317	465,437	30,065
1908-09	1,690	8,713	111,543	6,738	1,771	3,875	38,300	1,795	24,865	75,667	608,966	31,689
1909-10	1,743	9,579	102,167	5,778	2,508	6,088	52,387	2,777	26,947	98,499	719,995	37,391
1910-11	1,703	9,946	102,525	5,059	929	6,701	80,017	2,952	14,934	107,874	810,792	37,474
1911-12	1,450	10,220	96,627	4,890	1,375	7,826	78,173	3,077	18,413	120,105	821,162	38,454

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APPENDIX VIII.

Questions asked at examination of applicants for positions in Library Service, held May 18 and 25, 1912.

LITERATURE AND ART, MAY 18, 1912

Answer groups, 1, 2, 12 and any seven of the others.

1. Name two biographies, two histories, and two books of travel that you have read for pleasure or instruction that were not required or read in your course at school.

Name the class of literature in which you are most interested, and give the title and author of three individual books in that class which you have read and deem instructive.

2. Give the names of:

(a) Three American writers of fiction prior to 1850, and the titles of some books written by each.

(b) Ten writers of fiction since 1850—English or American—whose works are in your opinion additions to English literature, and the title of some book written by each.

(c) Five writers of English history, and five writers of American history, with the epochs treated by each.

(d) Five female writers of English literature, with the title of some work written by each.

3. Give the names of the English humorists of the eighteenth century who are discussed by Thackeray in his lectures on that subject.

Give the names of two English publications in the eighteenth century similar in character to The Spectator.

Give the sources of two of Shakespeare's plays. Who were the Lake poets? What, and in what years was the Oxford movement? Give the names of two persons who were prominent in it.

4. Give the author, approximate date (i.e. century) and language in which the following were written, and the class of literature to which each respectively belongs:

Antigone, Faust, Aeneid, Divine Comedy, Jerusalem Delivered, Imitation of Christ, Phaedre, The Lusiad, War and Peace, The Complete Angler, Canterbury Tales, Magda, Gosta Berling, Faerie Queen, Cesar Birotteau. (Answer 10).

5. In what language and at what period, approximately, did the following authors write?

Hans Christian Andersen, Josephus, Rabelais, Cervantes, Lope de Vega, Schiller, Petrarch, Ovid, Plutarch, Juvenal, Aesop, Voltaire, The Venerable Bede, Pepys, Froissart. (Answer 10.)

6. Give the names of the authors of ten of the following:

Lead Kindly Light, Crossing the Bar, Star Spangled Banner, Hail Columbia, Carcassonne, Nearer My God to Thee, Abou Ben Adhem, Rime of the Ancient Mariner, Lalla Rookh, The Lost Leader, Marseillaise, Pied Piper of Hamelin, Bingen on the Rhine, Recessional, Rubaiyat, Lycidas, Godiva, Ingoldsby Legends, Bab Ballads.

7. Give the authors of ten of the following, and the title of some other writing by each author:

Rise of Silas Lapham, Emma, The Deserted Village, Sir Charles Grandison, Swallow Barn, Moby Dick, Areopagitica, Peer Gynt, Pere Goriot, Revolt of a Tartar Tribe, Lady Baltimore, Joseph Vance, Rest Harrow, Representative Men, Blithedale Romance, Ethan Frome, Count Hannibal, Sesame and Lilies, Garden of Allah, Trilby.

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8. Give the names of the books, and their authors, in which the following characters are found:

Abdiel, Nydia, Mrs. Malaprop, Sanchia, Meg Merrilies, Hester Prynne, Scrooge, Caliban, The Fotheringay, My Uncle Toby, Donatello, Roderick Dhu, Rosinante, Ichabod Crane, Doctor Sangrado. (Answer 10.)

9. Characterize and locate in history, fable or myth, five of the following:

Erlking, Mambrino's Helmet, Sword of Damocles, Ring of Canace, Gyges' Ring, Shirt of Nessus, Yggdrasil, Excalibur, Talus, Slough of Despond, Circe, Open Sesame, The Valkyrie, Bed of Procrustes, Lorelei.

10. What associations are suggested by the following terms?

Mermaid Tavern, Cheshire Cheese, Elgin Marbles, Hilda's Tower, Brook Farm, Rosetta Stone, Oberammergau, Runnymede, Black Hole of Calcutta, Tabard Inn. (Answer 5.)

11. By whom were the principal pictures in the Sistine Chapel painted? What is a mural painting? Give the name of one such painting by an early artist and one by a modern artist.

Name the artists and locations of five of the following:

Horse Fair, Venus de Milo, Night Watch, Last Supper, The Angelus, Lion of Lucerne, Sistine Madonna, Bacchante, Saul, Mona Lisa, Shaw Monument.

12. In not less than 150 words give an outline of one of Shakespeare's plays; or discuss either of the following:

(a) The Huguenots, their character, history and influence; (b) the fiction of the eighteenth century compared with modern fiction; (c) the life and work of either Julia Howe, Robert Louis Stevenson, Charlotte Bronte, Edgar Allan Poe, or Nathaniel Hawthorne.

HISTORY, CURRENT EVENTS AND GENERAL INFORMATION, MAY 25TH, 1912

1. From what sources, in what manner, and at what dates has the United States acquired additional territory since its organization in 1789?

How many States are there in the Union at present? Give the names of the original thirteen.

With what foreign nations has the United States been at war since the close of the Revolutionary War, and at what dates?

When did the Civil War begin and when did it end?

Give the names of the Presidents of the United States since the commencement of the Civil War.

Who is the present Speaker of the House of Representatives?

What officers compose the President's Cabinet?

2. In what respects are the following associated with the history of California?

John D. Sloat, Donner Party, Junipero Serra, Sir Francis Drake, Portola, Vigilance Committee, James W. Marshall, Peter H. Burnett, Thomas O. Larkin, Jonathan D. Stevenson, John A. Sutter. (Answer 5.)

To what different sovereignties has California been subject?

At what date was it annexed to the United States? At what date was it admitted as a State?

3. With what purpose did President Taft take steps for terminating the treaty between Russia and the United States?

In what relation was Morgan Shuster connected with the government of Persia? Under what circumstances was he compelled to leave that country?

What domestic disturbance in England has recently been quieted?

What is proposed by the provisions of the Home Rule bill in England?

Which nations of the world are at present engaged in foreign war? Which in domestic war?

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4. Which nations of Europe are of Celtic origin; which of Slavic; which of Teutonic; which of Latin, or Italic?

Give the names of the Tudor sovereigns; of the Medici Popes; of the present Pope.

What was the Edict of Nantes?

What is meant by the "open door" in relation to China?

What is the Monroe Doctrine? When was it first promulgated?

5. Give the name and title of the sovereign or chief executive in each of the following countries:

England, France, Germany, Norway, Denmark, Spain, Italy, Russia, Sweden. What is the form of government, i. e. absolute monarchy, limited monarchy or republic, in each of these countries?

6. Give the names of ten prominent newspapers in the United States outside of California, with their places of publication.

Name ten of the leading statesmen of the United States at the present time.

Give the names and locations of ten prominent colleges or universities in the United States, stating also which of them are open to women as well as to men. Give the names of three prominent colleges which are exclusively for women.

In what years, and in what places, and in commemoration of what events have expositions been held in the United States?

7. Marathon, Chalon, Tours, Hastings, Blenheim, Saratoga, are counted among the decisive battles in the world's history. Give the dates on which they were fought and the names of the contending forces.

What was the issue contended for in each, and what effect would a different result have had upon the history of the world? (Answer 2.)

8. What is suggested by the following?

Ides of March, Modernism, Hull House, Spanish Armada, Lewis and Clarke, Pitcairn Island, Fort Sumter, Blue Laws, Bear Flag, Northwest Passage, (Answer 5.)

9. Give the names of the inventors of the Cotton Gin, Telegraph, Phonograph, Telephone, Steamboat, Vulcanized Rubber, Automatic Air Brake, Sewing Machine, Wireless Telegraph, Linotype?

10. Give briefly the particulars which have given prominence to the following persons:

Zeppelin, Lloyd George, Florence Nightingale, John Redmond, Admiral Togo, Mary Lyon, Christopher Wren, Lord Kitchener, Clara Barton, Cyrus W. Field, Lord Cromer, Witte, Frances E. Willard, Stolypin. (Answer 10.)

11. Group the following persons according to their respective vocations or lines of study and research, stating also the appropriate designation of each group:

Roentgen, Curie, Tyndall, Koch, Amundsen, Charcot, Vedder, Thorwaldsen, Pasteur, Abbey, St. Gaudens, Shackleton, Rodin, Sargent, Alfred Russel Wallace, Burne-Jones, Edison.

12. Give the location and purpose of the following structures:

Parthenon, Pantheon, Castle of St. Angelo, Taj Mahal, La Scala, Old Bailey, Faneuil Hall, Madeleine, St. Paul's, Campanile, Bridge of Sighs, St. Sophia, Kremlin, Hall of Fame, Escurial. (Answer 10.)

APPENDIX IX.

LIST OF DONORS, 1911-1912.

Abbot, E. Stanley; Adams, I. W.; Aero Club of America; Am. Ass. for Labor Legislation; American Federation of Labor; American Vanadium Co.; Anderson, James H.; Anderson, John M.; Anspacher, Joseph; Architectural Association of

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the University of California; Ashton-under-Lyne, Public Free Library; Association of Life Insurance Presidents; Augustine, W. A.; Austin, Mrs. Paul Page; Australia (South), Minister of Mines; Austrialia (South), Woods & Forests Department; Australia, (Western), Registrar-General; Austria-Hungary, Consul from; Badger, R. G.; Balbach, Mrs. Julia A.; Bank of California; Barrett, John Patrick; Batcheller (G. C.) & Co.; Bates College; Beer, William; Bernice Pauahi Bishop Museum; Birmingham, Free Libraries; Blair, Woodbury; Blangy, S. F.; Bookwalter, John W.; Booras, John; Boston, Public Library; Boston, Statistics Department; British Guiana, Permanent Exhibitions Committee; Brooklyn, Public Library; Brunswick-Balke-Collender Co.; Buchanan, George D.; Buford Kindergarten; Butte County, County Clerk; Calaveras County, County Clerk; California, Building & Loan Commissioners; California, Development Board; California, State Board of Equalization; California, State Forester; California, Insurance Department; California, State Library; California, Department of State; California Academy of Sciences; Canada, Library of Parliament; Canada, Department of Mines; Canada, Publicity & Industrial Bureau; Cardiff, Public Library; Carnegie Endowment for International Peace; Carnegie Institution of Washington, D. C.; Carnegie Library of Pittsburgh; Cassirer, Bruno; Chapman, W. H.; Chautauqua Institution; Chester, Hazel; Chicago, Department of Electricity; Chicago, Public Library; Chicago, Bureau of Public Efficiency; Chicago, Bureau of Statistics; Chicago Plan Commission; Clapp, R. C.; Coe, T. U.; Coleman, G. W.; Colusa County, County Clerk; Commonwealth Club of California; Connecticut, State Board of Education; Contra Costa County, County Clerk; Cornely (Edouard) & Cie,; Crampton, C. Ward; Crosby, Mrs. W. S.; Culver Summer Cavalry School; Culverwell, Mrs. R. S.; Daniel K. Pearsons Publishing Co.; Dartmouth College; Daughters of the Cincinnati; Davis, Hon. Horace; Dayton, Public Library & Museum; Denkewitz, Paul; Detroit, Public Library; Deutschland; Doolittle, Mrs. J. S.; Dunlap, Hon. Boutwell; Du Pont de Nempurs Powder Co.; Durbrow, Mrs. Harry; Emporium; Engelmann, Wilhelm; Evarts, Mrs. Lulu; Examiner; Fauth, Lawrence; Field Museum of Natural History; Fitschen, Miss F. M.; Forbes Library; Foster, Miss; Francheschi, Dr. F.; Frank, Robert J.; Georgia, Geological Survey; Gospel Trumpet Co.; Gouvea, A. S.; Grand Rapids, Board of Education; Grau, Hon. Enrique; Great Britain, Acting Consul-General; Guerin, Mrs. Ella; Hagopian, D. R.; Hayes, Hon. Everis A.; Heard, Frank; Hebrew Union College; Henderson, T. L.; Herbert, E. H.; Hibbard, George W.; Honolulu, Chamber of Commerce; Houghton, Mifflin Co.; Howard, Mrs. Emma Shafter; Humboldt County, County Clerk; Hunt, M.; Illinois, Bureau of Labor Statistics; Illinois, State Mining Board; Illinois, Eastern, State Normal School; Illinois Association Opposed to Woman Suffrage; India, Imperial Library; Institute Tilly; Iron Age; Ivy Press; Japan, Consul-General; Jersey City, Public Library; John Carter Brown Library; John More Association; Jordan, Rudolf, Jr.; Joseph Dixon Crucible Co.; Kahn, Hon. Julius; Kleigman, Morrie; Kreuzer, Louis J.; Lane, Hon. Franklin K.; Langert, Henry; Lantoine, Mlle.; Lawton, Mrs.; Leland Stanford Junior University; Lepper, G. H.; Lewis Institute; Liberty Press; Lichtnstein, Gaston; Lilienthal, Philip; Longmans, Green & Company; Los Angeles, City Auditor; Los Angeles "Examiner"; Louisville, Free Public Library; Lowenberg, Mrs. I.; Lusk, William Chittenden; Lyon & Healy; McDermott, Mrs. Leila France; Manitoba, Bureau of Industries; Manitoba, King's Printer; Marsden, Victor E.; Martens, Miss Josepha; Martin, J. S.; Massachusetts, State Library; Massachusetts, Bureau of Statistics; Massachusetts Civil Service Reform Association, Women's Auxiliary; Massachusetts Institute of Technology; Merced County, County Clerk; Merced County, Free Library; Meyer, Wilson; Michigan, State Library; Milwaukee, Bureau of Economy and Efficiency; Minneapolis, City Clerk; Minnesota Historical Society; Monterey County, County Clerk; Morgan, Dr. G. F. G.; Mott, E. J.; Mount Holyoke College; Munson, Myron Andrews; National Association for the Advancement of Colored People; National Child Labor Committee; National Civil Service Re-

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form League; National Lumber Manufacturers' Association; Netherlands, Consul from the; New Orleans, Public Library; New Werner Co.; New York City, Department of Education; New York City, Bureau of Municipal Research; New York City, Department of Parks; New York City, Peace Society; New York City, Metropolitan Sewerage Commission; New York State, Department of Agriculture; New York State, Education Department; New York State, Forest, Fish & Game Commission; New York Historical Society; New York University; New Zealand, Registrar-General; O'Neal, Mrs. M. L.; Pacific Gas & Electric Co.; Pacific Unitarian School; La Paix par le Droit; Palmer, Mrs.; Pelikan, Karl; Penn Publishing Co.; Pennsylvania, Free Library Commission; Pennypacker, S. W.; Peoria, Public Library; Perkins, Hon. George C.; Philadelphia, Free Library; Pitman, Isaac; Pittsburgh, Food Commission; Pittsburgh, Department of Supplies; Placer County, County Clerk; Polk, Miss; Pratt Institute School of Library Science; Preece, Joseph H.; Princeton University Library; Prindle, F. C.; Railway Business Association; Rawie, Henry; Reading (Pa.), Board of Water Commissioners; Reynolds, J. H.; Robbins, R. C.; Rochdale, Public Libraries; Rockefeller Sanitary Commission; Rosenberg Library; Russell Sage Foundation, Department of Child Hygiene; St. Louis, City Auditor; St. Louis, Board of Freeholders; San Francisco, Board of Education; San Francisco, Department of Public Health; San Francisco Chamber of Commerce; San Francisco Polyclinic; San Luis Obispo County, County Clerk; Santa Clara County, County Clerk; Santa Cruz County, County Clerk; Santloemma, Mrs. P.; Scanland, J. M.; Schirmer, G.; Schneider, Reverend J.; School News Co.; Shafroth, Governor John F.; Shasta County, County Clerk; Short Ballot Organization; Societe des Architectes Diplomes par le Gouvernement; Society of Colonial Governors of Pennsylvania; Society of St. Vincent de Paul; Solano County, County Clerk; Southern California Peace Society; Soyez-Le-Roy, Mme.; Spaulding, H. G.; Spencer, F. E.; Spokane, Public Library; Stayner, C. F.; Stevens (B. F.) & Brown; Stokes (F. A.) Co.; Sullivan, Miss N.; Tews, J.; Thelen, Max; Thompson, Slason; Toronto, Public Library; Traeger, John E.; Treadwell, Mrs. W. B.; Trinity County, County Clerk; Tuolumne County, County Clerk; Union College; U. S. Department of Agriculture; U. S. Department of Commerce & Labor; U. S. Superintendent of Documents; U. S. Bureau of Education; U. S. Geological Survey; U. S. Department of the Interior; U. S. Government Printing Office; U. S. Smithsonian Institution; U. S. Steamboat-Inspection Service; U. S. Treasury Department; U. S. Weather Bureau; United States Brewers' Association; United States Mortgage & Trust Co.; Universal Brotherhood and Theosophical Society; University Club; University of Nevada; University of Southern California; University of Washington; Vellay, Charles; Ventura County, County Clerk; Victoria (B. C.), Board of Trade; Vilas, Mrs. W. F.; Vollheim, Carl; Walker, A. H.; Wallingford, Mrs.; Ward, J. & Son; Washington, State Normal School; Watson, William R.; Weffinger, G. W.; Wentworth Institute; Wenzell, Prof. W. T.; Western Forestry & Conservation Association; Western Theological Seminary; Wilkes-Barre, Board of Trade; Wilson (H. W.) Co.; Wilson, S. M.; Wisconsin, Industrial Commission; Wisconsin, State Historical Society; Wisconsin, Tax Commission; Wissing, Miss Florence; Yale University Library; Young Men's Christian Association, Educational Department of the International Committee; Young Men's Christian Association Training School of Chicago; Yuba County, County Clerk.

Anonymous donations: 19 volumes, 13 pamphlets.

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Report of Civil Service Commission

San Francisco, July 31, 1912.

To His Honor, The Mayor.

Sir:—In accordance with the provisions of Section 9, Article XVI of the Charter, the Civil Service Commissioners present herewith a report of the operations of their department for the fiscal year ended June 30, 1912.

During said fiscal year the Commission held ninety-two regular meetings and sixty-seven special meetings. The applications of thirteen hundred and fifty-one laborers were registered, and eleven examinations were held in which a total of twenty-five hundred applicants were examined.

Following is a schedule of the examinations held and date thereof:

Name of Examination.	Examined.	Passed.	Failed.	Appointed.
Asphaltworkers; Sept. 28 and 29	123	114	9	98
Railroad Trackmen; Oct. 3 and 4	181	163	18	54
Quarry Drillers; Oct. 10 and 13	107	89	18	72
Surveyors' Field Assistants; Oct. 28	102	40	62	10
Market Inspectors; Nov. 4	90	3	87	3
Surveyors; Nov. 11	33	5	28	5
Experienced Clerks, Board of Public Works; Nov. 18	315	34	281	17
District Foremen of Street Sweeping and Cleaning; Nov. 25	157	46	111	10
Hostlers; Nov. 27	238	227	11	20
Hydrantmen; Dec. 30	127	5	122	3
Firemen, (Div. G, Class VIII); Feb. and March, 1912	1,027	410	617	70

The scopes of the foregoing examinations were as follows:

Asphaltworkers:

Subject.	Weight.
Plant work	1
Spreading	1
Finishing	1
Rolling	1
Shovelling	1
Physical ability	2
Experience	3
Total weight	10

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Railroad Trackmen:

Subject.	Weight.
Tie setting	1
Track laying and spiking	1
Track gauging	1
Track surfacing	1
Tamping	1
Track lining	1
Physical ability	2
Experience	2
Total weight	10

Quarry Drillers:

Subject.	Weight.
Striking	1
Blasting	2
Drilling	1
Physical ability	3
Experience	3
Total weight	10

Surveyors' Field Assistants:

Subject.	Weight.
General experience	10
Local experience	10
Arithmetic and Mensuration	30
Field work and knowledge of duties	50
Total weight	100

Market Inspectors:

Subject.	Weight.
General knowledge of duties	5½
Writing of report	2
General experience	2
Special experience	½
Total weight	10

Surveyors:

Subject.	Weight.
General knowledge of duties	60
Mathematics	30
Local experience	7
General experience	3
Total weight	100

Experienced Clerks, Board of Public Works:

Subject.	Weight.
General knowledge of duties	5
Arithmetic	1½
Grammar and Spelling	1
Penmanship and neatness	1
General clerical experience	1
Special clerical experience	½
Total weight	10

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District Foremen of Street Sweeping and Cleaning:

Subject.	Weight.
General knowledge of duties	5½
Writing of report	2
Arithmetic	1
General experience	1
Special experience	½
Total weight	10

Hostlers:

Subject.	Weight.
General knowledge of duties	5
Experience	3
Physical ability	2
Total weight	10

Hydrantmen:

Subject.	Weight.
General knowledge of duties	7
Writing of report	2
Experience	1
Total weight	10

Firemen, (Division G, Class VIII):

Subject.	Weight.
Athletic test	5
General knowledge of duties	1½
Writing of report	1
Arithmetic	½
General experience	2
Total weight	10

In the examination for Firemen, forty-seven per cent of the candidates were rejected in the medical examination, leaving from a total of ten hundred and twenty-seven participants, only five hundred and forty-two eligible to take the mental and athletic tests. The medical examination was conducted under the supervision of the Commission, by the following doctors:

Board of Medical Examiners:—G. H. Richardson, Paul Castlehun, Alexander Keenan, Albert Wheeler, Frederick C. Muller.

Assistant Medical Examiners:—Edmund D. Shortlidge, Henry F. Horn, James T. Watkins, Thomas D. Maher, R. L. Ochsner, B. A. Mardis, W. O. Montgomery, Frank S. Emmal, James B. Hannah, R. B. Tupper, Henry L. Curtis, George D. Culver, Joseph Butler, J. A. Kuykendall, N. D. Morgan, Harry P. Robarts, A. W. Collins.

From July 1, 1911 to June 30, 1912, fourteen hundred and fifty-four certifications, covering both permanent and temporary appointments, were made by the Commission as follows:

Auditor—

Class.	Number Certified.	
Ordinary Clerks	31	
Experienced Clerks	3	
		34

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Department of Electricity—

Inspectors	9	
Repairers	7	
Inside Wiremen	7	
Hostlers	1	
Ordinary Clerks	1	
Linemen	5	
Painters	1	
Stenographers-Typewriters	1	
Instrument Makers	1	
Laborers	5	
		38

Election Commission—

Ordinary Clerks	138	
Stenographers-Typewriters	6	
Watchmen	1	
Carpenters	5	
Painters	6	
Laborers	4	
		160

Fire Commission—

Battalion Chiefs	5	
Captains	4	
Lieutenants	19	
Firemen	100	
Machinists	1	
Hostlers	10	
Watchmen	4	
Stenographer-Typewriters	2	
Engineers, Fire Department	1	
Hydrantmen	3	
		149

Board of Health—

Food Inspectors	3	
Hospital Stewards	11	
Graduate Nurses	13	
Health Inspectresses of Schools	8	
Matrons	10	
Watchmen	5	
Chief Sanitary Inspector	1	
Sanitary Inspectors	1	
Market Inspectors	3	
Ambulance Drivers	4	
Stenographer-Typewriters	1	
		60

Police Commission—

Lieutenants	1	
Sergeants	7	
Corporals	16	
Policemen	49	
Hostlers	9	
Police Patrol Drivers	2	
Matrons	2	
		86

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Board of Public Works—

Street Sweepers	3	
Cribbers	140	
Pavers	21	
Painters	24	
Plumbers	6	
Carpenters	53	
Sidesewermen	12	
Rammers	12	
Watchmen	37	
Janitors	22	
Asphaltworkers	112	
Quarry Drillers	94	
Railroad Trackmen	54	
Sewer Cleaners	17	
Surveyors	5	
Surveyors' Field Assistants	19	
District Foremen of Street Sweeping and Cleaning	10	
Experienced Clerks	19	
Inside Wiremen	5	
Plumbers' Helpers	4	
Stenographer-Typwriters	3	
Laborers	255	927

The following is a list, by departments and classes, of the number of Civil Service appointees, certified from registers of eligibles and in the employ of the city on June 30, 1912:

	Number Working.
Board of Public Works—	
Sewer Cleaners	10
Stenographer-Typewriters	20
Bricklayers	8
Hodcarriers	5
Pavers	35
Rammers	20
Plumbers	15
Bookkeepers	1
Carpenters	46
Experienced Clerks	26
Painters	28
Inspectors of Side Sewers	1
Inspectors of Streets and Sewers	38
Inspectors of Buildings	12
Office Deputies	1
Superintendents of Stone Pavements	1
Inspectors of Complaints	2
Messengers	1
Surveyors' Field Assistants	47
Draughtsmen	9
Surveyors	11
Watchmen	36
Assistant Engineers	4
Chief Assistant Engineer	1
Inspectors of School Buildings	2
Ordinary Clerks	6
Sidesewermen	48

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Janitors	44	
Street Sweepers	165	
Plumbers' Helpers	4	
Cribbers	28	
Inside Wiremen	4	
Asphaltworkers	68	
Railroad Trackmen	2	
Quarry Drillers	27	
District Foremen of Street Sweeping and Cleaning	8	
Laborers	226	
		1,010

Board of Health—

Superintendent of Alms House	1	
Experienced Clerks	8	
Stenographer-Typewriters	6	
Chief Plumbing Inspector	1	
Chief Sanitary Inspector	1	
Assistant Plumbing Inspectors	4	
Sanitary Inspectors	5	
Market Inspectors	10	
Dairy Inspectors	1	
Food Inspectors	5	
Industrial Inspectors	1	
Disinfectors	2	
Laboratory Assistants and Apprentices	1	
Messengers	1	
Watchmen	13	
Matrons	10	
Ambulance Drivers	18	
Graduate Nurses	27	
Health Inspectresses of Schools	8	
Hospital Stewards	28	
		151

Police Commission—

Secretary	1	
Captains	10	
Lieutenants	18	
Sergeants	41	
Corporals	59	
Policemen	524	
Patrol Drivers	27	
Hostlers	9	
Stenographer-Typewriters	1	
Matrons	4	
		694

Fire Commission—

Firemen	476	
Engineers	14	
Lieutenants	66	
Captains	54	
Battalion Chiefs	11	
Stenographer-Typewriters	1	
Hostlers	9	
Machinists	3	
		634

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Department of Electricity—		
Stenographer-Typewriters	1	
Machinists	1	
Repairers	2	
Linemen	20	
Instrument Makers	6	
Operators	6	
Inspectors	5	
Ordinary Clerks	2	
Laborers	5	
		48
Tax Collector—		
Experienced Clerks	2	
Deputies	30 (a)	
Stenographer-Typewriters	1	
Ordinary Clerks	2	
		35

(a) Fifteen appointed under Ordinance of Board of Supervisors.

Election Commission—		
Stenographer-Typewriters	1	
Deputies	9	
Ordinary Clerks	62	
Laborers	4	
		76
Police Courts—		
Court Stenographers	2	
		2
Fire Pension Fund Commission—		
Secretary	1	
		1
Police Pension Fund Commission—		
Secretary	1	
		1
Auditor—		
Experienced Clerks	3	
Deputies	2	
Ordinary Clerks	2	
Stenographer-Typewriters	1	
		8

The total number of city employes under Civil Service on June 30, 1912, including the members of the Police and Fire Departments who came in with the Charter, was 3,036. Of this number, 2,660 were appointed through Civil Service examinations.

Since the beginning of the present calendar year, the Commission has revised its rules and classifications. Many new printed forms have been adopted, and preparations have been made for the installation of a new card index system in the office of the Commission.

A new plan has been devised for the handling of applications. The old application forms have been discarded, and new and more elaborate forms are now in use. In order that the medical certificate and vouchers contained in the application shall be of recent date, the application forms for examinations are not distributed until the date for the holding of the examination has been set. Any person, however, desiring to participate in an examination for which the date

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has not been set, may file notice to that effect upon one of the new forms known as "Request for Application." This form is so arranged that the name and address written thereon serves as the name and address for the transparent envelope used therewith in sending application form and circular of information to the applicant.

About four thousand old applications that had been filed at various times since the great fire of April 18, 1906, have been cancelled, and the persons affected have been sent "Request for Application" blanks to file in their stead.

A Labor Board has been appointed to conduct weekly physical tests of laborers, and the purging of the register for this class, containing over seven thousand names, is nearly completed. Every person who registers as a laborer must, in order to establish his status as a laborer, appear before the Labor Board and pass the physical test.

The Commission intends to hold about one hundred examinations during the fiscal year 1912-1913, and expects to fill, within that time, every vacancy now existing.

The following examinations will be held during the coming July and August:

Inspectors of Streets and Sewers (Div. F., Class V.); Engineering Draughtsmen (Div. B., Class IV.); Assistant Civil Engineers (Div. B., Class II.); Pilots (Div. P., Class I.); Marine Engineers (Div. N., Class XXXII.); Marine Stokers (Div. N., Class XXXIII.); Engineers of Stationary Steam Engines (Div. N., Class XXIX.); Firemen of Stationary Steam Engines (Div. N., Class XXX.); Engineers of Electrical Engines (Div. N., Class XXXI.); Machinists (Div. N., Class XXXV.); Locksmiths (Div. N., Class XXXIV.); Blacksmiths (Div. N., Class XXXVIII.); Blacksmiths' Helpers (Div. N., Class XXXIX.); Horseshoers (Div. N., Class XL.); Boilermakers (Div. N., Class XXXVII.); Steamfitters (Div. N., Class XVII.); Steamfitters' Helpers (Div. N., Class XVIII.); Harnessmakers (Div. N., Class XLI.); Tinners (Div. N., Class XIII.); Tinners' Helpers (Div. N., Class XIV.); Granite Cutters (Div. N., Class IV.); Bricklayers (Div. N., Class IX.); Hodcarriers (Div. N., Class X.); Carriage and Wagon Painters (Div. N., Class XXIII.); Varnishers and Polishers (Div. N., Class XLVII.); Cement Finishers (Div. N., Class XI.); Cement Finishers' Helpers (Div. N., Class XII.); Elevator Operators (Div. P., Class VI.).

Accompanying this report is a copy of our Publication No. 18, showing the Civil Service rules and classifications as revised to date.

Yours very respectfully,

B. B. ROSENTHAL,
Commissioner.

HARRY E. MICHAEL,
Commissioner.

E. A. WALCOTT,
President.

Attest: JAS. J. MAHER,
Chief Examiner and Secretary.

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Juvenile Detention Home

Honorable James Rolph, Jr.
Mayor of the City and County of San Francisco,
State of California.

Sir:—I beg to submit herewith the Annual Report of the Juvenile Detention Home, for the fiscal year ending June 30th, 1912, as per Section 9, Article XVI, of the Charter of the City and County of San Francisco.

B. F. MONTGOMERY, Sup't.

Appropriation for Subsistence of Detention Home	$12,000.00
Expenditures for Subsistence in Detention Home	11,926.46
Credit Balance	$ 73.54

NUMBER OF CHILDREN BROUGHT TO THE DETENTION HOME.

	Boys	Girls	Totals
1911—July	100	24	124
August	114	25	139
September	120	32	152
October	85	36	121
November	126	40	166
December	74	28	102
1912—January	117	47	164
February	115	29	144
March	109	41	150
April	87	45	132
May	118	35	153
June	97	31	128
	1,262	413	1,675

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	(1911)						(1912)					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Daily Avge. inc. Attendants	29	32⅔	35⅔	33	42	37	42	39	37	48	41	39
Meals Served	2,659	3,027	3,214	3,085	3,798	3,464	3,959	3,379	3,518	4,315	3,741	3,551

Total meals served for the year 41,706

DETENTION HOME EXPENDITURES, JULY 1, 1911 TO JUNE 30, 1912.

1911.	July	Aug.	Sept.	Oct.	Nov.	Dec.
Salaries	$ 405.00	$ 405.00	$ 405.00	$ 405.00	$ 410.00	$ 410.00
Groceries	70.52	76.86	75.57	75.54	81.43	81.19
Meat and Fish	67.27	90.28	93.15	76.57	86.18	92.85
Bread	16.32	18.70	20.79	17.95	25.16	24.08
Milk	15.95	16.75	15.90	21.15	21.60	22.00
Butter and Eggs	25.72	28.26	28.24	24.36	25.70	28.24
Tea, Coffee and Spices	19.08	28.63	6.60	38.55	5.05	29.90
Fruit and Vegetables	36.39	38.24	48.36	43.38	43.89	29.12
Laundry	55.15	72.95	60.80	78.20	86.55	64.65
Fuel	18.75	28.15	27.90	28.50	28.40	53.20
Clothing and Bedding	40.43	156.93	2.34	3.00	71.99	36.05
Furniture and Hardware	156.74	182.58	7.49	15.54	26.98	66.13
Drugs	30.15	.00	.00	.00	.00	.00
Miscellaneous Supplies	35.12	5.15	11.22	5.50	5.25	5.15
	$ 992.59	$1,148.48	$ 803.36	$ 833.24	$ 918.18	$ 942.56

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1912.	Jan.	Feb.	March	April	May	June
Salaries	$ 410.00	$ 410.00	$ 410.00	$ 405.00	$ 405.00	$ 405.00
Groceries	86.74	99.88	122.47	63.94	107.08	134.14
Meat and Fish	90.37	74.79	85.28	99.52	97.88	102.45
Bread	29.10	23.22	28.62	38.07	25.54	23.00
Milk	22.95	23.35	23.50	29.95	33.95	32.40
Butter and Eggs	32.13	26.21	25.70	32.13	32.13	19.28
Tea, Coffee and Spices	.00	5.13	39.05	5.50	44.35	34.00
Fruit and Vegetables	33.68	26.18	31.21	28.33	42.47	61.82
Laundry	81.60	71.60	85.70	81.55	78.55	72.10
Fuel	25.75	27.45	28.55	27.95	27.30	28.45
Clothing and Bedding	51.26	26.99	104.07	231.36	.00	21.26
Furniture and Hardware	225.24	202.42	58.60	82.14	52.04	100.70
Drugs	.00	.00	.00	.00	.00	.00
Miscellaneous Supplies	4.40	8.05	12.97	5.78	5.50	27.23
	$1,093.22	$1,025.27	$1,055.72	$1,131.22	$ 951.79	$1,061.83

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EXPENDITURES OTHER THAN FROM OUR SUBSISTENCE APPROPRIATION.

1911	July	Aug.	Sept.	Oct.	Nov.	Dec.
Rent	$ 275.00	$ 275.00	$ 275.00	$ 275.00	$ 275.00	$ 275.00
Gas	3.66	12.48	15.78	21.84	21.84	20.58
Electricity	13.11	16.41	23.19	24.00	26.22	29.73
Water	26.28	33.59	51.01	33.11	17.98	20.40
1912	**Jan.**	**Feb.**	**March**	**April**	**May**	**June**
Rent	$ 275.00	$ 275.00	$ 275.00	$ 275.00	$ 275.00	$ 275.00
Gas	18.78	10.74	17.34	19.86	13.20	11.22
Electricity	36.60	24.45	22.32	19.11	17.31	18.48
Water	35.50	23.60	25.72	23.60	19.77	19.64

Rent	$3,300.00
Gas	187.32
Electricity	270.93
Water	330.20
Totals	$4,088.45

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Fire Commissioners' Report

San Francisco, July 1, 1912.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—In compliance with the provisions of Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Board of Fire Commissioners of said City and County do hereby submit and present its annual report for the fiscal year ending June 30, 1912, containing a statement of the expenditures of the Fire Department and a report of the Chief Engineer showing the condition of the department, etc.

ORGANIZATION.

The department, as it is now constituted, consists of a Board of Fire Commissioners of four members, a Secretary, a Chief Engineer, one first assistant chief engineer, one second assistant chief engineer, twelve battalion chiefs, forty-five fire engine companies, twelve hook-and-ladder companies, ten chemical companies, two water tower companies, three monitor batteries, two fire boat companies and three relief engine companies, and employes of the corporation yard repair shops, department stables and auxiliary high pressure water system numbering in all 870 men, of which number 782 constitute the present uniform force of the department.

BOARD OF FIRE COMMISSIONERS.

HENRY U. BRANDENSTEIN, President .....Term expires, January 8, 1916
JAMES E. DILLON.....Term expires, January 8, 1915
EUGENE E. PFAEFFLE.....Term expires, January 8, 1914
JOHN DONOHOE .....Term expires, January 8, 1913
FRANK T. KENNEDY.....Secretary.

DETAILS OF ORGANIZATION.

(Salaries provided by Charter or by Ordinance.)

No.		Salary Per Annum
4	Commissioners, each	$1,200
1	Secretary	2,400
1	Chief Engineer	5,000
1	First Assistant Chief Engineer	3,600
1	Second Assistant Chief Engineer	3,000
12	Battalion Chiefs, each	2,700
15	Chiefs' Operators, each	1,500
45	Captains of Engine Companies, each	1,860
45	Lieutenants of Engine Companies, each	1,710

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45	Engineers of Engine Companies, each	1,680
45	Drivers of Engine Companies, each	1,440
45	Stokers of Engine Companies, each	1,440
270	Hosemen of Engine Companies, each	1,440
2	Captains of Relief Engine Companies, each	1,860
2	Lieutenants of Relief Engine Companies, each	1,710
12	Hosemen of Relief Engine Companies, each	1,440
1	Engineer of Relief Engine Company	1,680
12	Captains of Hook-and-Ladder Companies, each	1,860
12	Lieutenants of Hook-and-Ladder Companies, each	1,710
12	Drivers of Hook-and-Ladder Companies, each	1,440
12	Tillermen of Hook-and-Ladder Companies, each	1,440
96	Truckmen of Hook-and-Ladder Companies, each	1,440
10	Captains of Chemical Companies, each	1,860
10	Lieutenants of Chemical Companies, each	1,710
10	Drivers of Chemical Companies, each	1,440
10	Hosemen of Chemical Companies, each	1,440
2	Captains of Water Tower Companies, each	1,860
2	Lieutenants of Water Tower Companies, each	1,710
2	Drivers of Water Tower Companies, each	1,440
2	Hosemen of Water Tower Companies, each	1,440
3	Drivers of Monitor Batteries, each	1,440
2	Captains of Fire Boat Companies, each	1,860
2	Lieutenants of Fire Boat Companies, each	1,710
3	Pilots of Fire Boat Companies, each	2,100
4	Engineers of Fire Boat Companies, each	2,100
6	Firemen of Fire Boat Companies, each	1,200
3	Engineers of Relief Fire Boat Companies, each	2,100
1	Fireman of Relief Fire Boat Company	1,200
1	Superintendent of Engines	2,700
1	Clerk and Commissary	1,800
1	Superintendent of Horses	1,860
7	Hydrantmen, each	1,200
10	Hostlers, each	1,200
3	Draymen, each	1,200
5	Watchmen, each	1,200
1	Physician and Surgeon	1,800
1	Stenographer	1,800
1	Chief Engineer of High Pressure Water System Pumping Plant	2,100
1	1st Asst. Engineer of High Pressure Water System Pumping Plant	1,800
1	2d Asst. Engineer of High Pressure Water System Pumping Plant	1,500
3	Firemen of High Pressure Water System Pumping Plant, each	1,200
1	Foreman Gateman of High Pressure Water System	1,500
3	Gatemen for High Pressure Auxiliary Water System, each	1,200

Under the provisions of the Charter, drivers, stokers, tillermen, hosemen and truckmen receive $1,200 per annum for the first year of service, $1,320 for the second year and $1,440 for the third year and thereafter.

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APPROPRIATION AND EXPENDITURES.

Total Appropriation			$1,561,000.00
Salaries—			
Corporation Yard	$ 61,506.85		
Harness Shop	6,306.90		
Horseshoeing Shop	6,975.00		
Hydrantmen	8,583.35		
Office	8,930.95		
Paint Shop	7,980.35		
Stables	16,070.00		
Uniform Force	1,126,207.97	$1,242,561.37	
Material, Supplies and Maintenance—			
Apparatus (new)	76,000.00		
Fire Boats	7,163.11		
Forage	40,626.58		
Fuel	28,351.17		
Furniture	6,185.23		
Garbage Removal	6,840.00		
Harness and Repairs	3,057.42		
Horses	16,450.00		
Horseshoeing	4,833.20		
Hydrants	5,705.80		
Material (Corp. Yard)	21,545.82		
Office	980.67		
Paint Shop	1,597.12		
Rent	1,725.00		
Stables	849.08		
Supplies (House)	14,139.79	235,999.99	
Total Expenditures			$1,478,561.36
Surplus Remaining			$ 82,438.64

PERSONS, FIRMS AND CORPORATIONS DOING BUSINESS WITH THE FIRE DEPARTMENT DURING THE FISCAL YEAR 1911-1912.

Adams & Hollopeter	$ 4.00
American Ever Ready Co.	8.00
American La France Fire Engine Co.	10,558.81
Associated Oil Co.	9,100.72
American Rubber Mfg. Co.	257.88
Arcade Stables	18.00
Baker & Hamilton	349.26
Bauer Lamp Reflector & Electric Sign Co.	1,097.10
Brittain & Co.	259.65
Bennett Brothers	716.83
Bernhard Mattress Co.	780.50
Brizzolara, L. & Sons	1,177.20
Brown, Chas. & Son	68.50
Brown & Power Stationery Co.	819.40
Boesch Lamp Co.	175.95
Bowers Rubber Works	771.07
Berger & Carter Co.	343.18

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Bateman, Wm.	252.00
Black, S. M.	5.60
Boyes, P. R. & Co.	44.00
Blum, Geo. W.	14.00
Bermingham, S.	16.40
Blac-Lac Mineral Paint Co.	16.30
Bosch Magneto Co.	1.10
Bowser, S. F. & Co.	386.00
Barkley, Mattie M.	57.50
Betts Spring Co.	143.50
Bunker, C. D. & Co.	5.00
Cahalan, R. A.	200.00
California School Mechanical Arts	80.00
Chapman, S. G.	41.50
Coffin-Redington Co.	232.54
Cowell, Henry Lime & Cement Co.	13.75
Crocker, H. S. Co.	93.30
California Grinding Works	11.40
California Manufacturing Supply Co.	351.00
Consolidated Motor Car Co.	28,943.45
Cunningham, Curtis & Welch	3.00
Caire, Justinian	18.75
Chanslor & Lyon Motor Supply Co.	348.74
Compressed Air Machinery Co.	75.00
Crescent Lumber Co.	132.28
Coefield Co.	97.75
Creighton, W. D.	50.00
California Mill Co.	40.00
Chevalier, A.	20.00
Cook, H. N. Belting Co.	5.75
Crane Co.	15.50
Dalziel-Moller Co.	455.68
Demartini, D.	6,840.00
Delano, Brothers	124.55
De Rome, L.	222.18
Dunham-Carrigan-Hayden	1,019.45
Dow, Geo. E. Pumping Engine Co.	228.36
Drager Oxygen Apparatus Co.	1,116.70
Diamond Rubber Co.	36.35
Degan, L. P. Belting Co.	4.56
Eastman, H. A.	790.06
Electric Agencies Co.	45.28
Electric Appliance Co.	32.49
Eureka Boiler Works	3.75
Eisenchimel, Carl	35.00
Enterprise Electric Works	7.75
Foucar-Ray-Simon	209.94
Fairbanks, Morse & Co.	123.50
Fuller, W. P. & Co.	1,492.38
Fearis-Bray Welding Co.	49.00
Frank, S. H. & Co.	100.90
Garlock Packing Co.	128.94
Greenberg's, M. Sons	6,831.54
Goldberg, Garrett M. & Co.	1,072.88
Gorham Revere Rubber Co.	91.45
Gas & Electric Appliance	357.00
General Electric Co.	199.05
Gold Medal Waterproofing Co.	352.54

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Goodyear Rubber Co.	26.94
Goodyear Tire & Rubber Co.	390.34
Goeriz, O. C. & Co.	135.00
Gorter, H. H.	82.00
Guarantee Battery Co.	187.45
Harms, H. & Co.	1,598.15
Herzog & Dahl	105.00
Halloran, John J.	250.00
Horan, J. B.	2,000.00
Howe Scales Co.	3.00
Holbrook-Merrill-Stetson	3.00
Irvine & Jachens	114.60
Jackson-Byron Iron Works	3.50
Joost Brothers	154.95
Johns-Manville Co.	13.94
Johnson Gear Co.	7.00
Jessops, Wm. & Son	14.63
Keef, John P.	151.20
Keenan Brothers	717.50
Kenney Mfg. Co.	796.07
Keyston Brothers	1,385.96
Krenz, Oscar Copper & Brass Works	234.65
Kern County Land Co.	11,500.00
Keystone Ornamental Iron & Bronze Works	411.50
Kruse, J. H.	43.72
Kohler & Chase	9.80
Langley-Michaels Co.	1,437.71
Levy Electric Co.	16.54
Levey, Joseph	1,500.00
Lastufka Bros. Co.	156.00
Library Bureau	40.12
Lightning Hydrant, Hose & Pipe Coupling Co.	99.00
Lindauer, G.	500.00
Magnesia Asbestos Supply Co.	318.88
Marshall-Newell Supply Co.	3,886.11
Marwedel, C. W.	2.90
McColger, C. I.	521.79
Mitchell, Thos. F.	1,200.00
Morton, Thos. & Son	17,138.90
Moore-Scott Iron Works	2,778.76
Moore, Harry J.	181.50
Monarch Oil Refining Co.	86.55
Moore, Chas. C. Co.	4.00
Murphy-Grant Co.	36.43
Murphy, Thos. R.	106.55
National Paint & Oil Co.	391.96
Newerf, W. D. Rubber Co.	90.08
O'Keefe, J. & Co.	9,431.30
O'Shea, J. & Co.	500.00
O'Connor, Jno. J.	5.00
Ohmen Engine Works	6.00
O'Loghen, M. L.	1.50
Orca Mfg. Co.	15.40
Pacific Fire Extinguisher Co.	57.50
Plummer, W. A. Mfg. Co.	18.64
Plant Rubber & Supply Co.	663.50
Pierce Arrow Sales Co.	6,045.40
Pacific Milling Co.	2.15

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Pacific Tool & Supply Co.	3.50
Pacific States Electric Co.	4.52
Phoenix Rubber Co.	20.00
Pope & Talbot	7.76
Purity Springs Water Co.	4.50
Reed, W. H. & Co.	17.50
Reininger & Co.	110.50
Ridgeway, W. J.	3,548.30
Roebling's Sons, Jno. A.	87.10
Robinson's Chemical Works	430.94
Rucker-Fuller Desk Co.	1,070.48
Rehn, Chas.	90.00
Real Estate Development Co.	225.00
Sanborn-Vail Co.	7.50
Scott-Magner-Miller	16,944.12
Somers & Co.	14,251.16
Spring Valley Water Co.	2,891.39
Sloane, W. & J.	3,345.66
San Francisco Lumber Co.	46.89
San Francisco News Co.	8.00
Standard Oil Co.	40.01
Squires & Byrne Co.	172.27
Spotswood-Helfer Co.	256.25
Schussler Bros.	103.00
Staple & Pfeiffer	144.00
San Francisco Brazing and Welding Works	9.75
Smith, C. W. Copper Works	322.75
Smith-Emery & Co.	19.00
Spiro Harness & Carriage Co.	19.50
Simon, Thos.	200.00
Simonds Mfg. Co.	2.55
San Francisco Compressed Air Cleaning Co.	173.00
Seagrave Co.	30,980.00
Tayler & Spotswood Co.	552.25
Telfer, G. J. (M. D.)	260.00
Union Oil Co.	1,012.86
Union Iron Works	1,723.64
United States Tire Co.	195.18
Umbsen, G. H.	300.00
Van Arsdale-Harris Lumber Co.	25.87
Van Emon Elevator Co.	9.38
Wagner & Sons' Copper Works	95.00
Wagner Leather Co.	897.49
Waterhouse & Lester Co.	1,629.52
Walter, D. N. & E. & Co.	181.70
Wackholder, S.	30.00
Weeks-Howe-Emerson Co.	770.22
Werner Brothers	28.00
Weber, C. F. & Co.	250.25
Western Steel Co.	25.76
Western Electric Co.	15.41
Weule, L.	50.00
White Brothers	174.57
White Company	3,500.00
Weinstock-Nichols Co.	.75
Williams Mercantile Co.	524.69
Worden-Meeker Varnish Co.	49.95
Yates & Co.	378.19
	$235,999.99

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Chief Engineer's Report

Headquarters Fire Department,

San Francisco, July 1, 1912.

To the Honorable,

The Board of Fire Commissioners.

Gentlemen:—I respectfully beg leave to submit my annual report for the fiscal year ending June 30, 1912, together with such recommendations, etc., as in my judgment I deem necessary and proper to promote the efficiency of the Department.

FIRES.

During the past year the Department responded to 879 alarms of fire received from street and automatic fire alarm boxes; of which number 823 were single alarms, 48 second alarms and 8 third alarms. The Department also responded to 892 still alarms during the year, received verbally and by telephone, making total of 1,771 alarms of fire responded to.

LOSSES BY FIRE, INSURANCE AND AMOUNT PAID.

1911.	Loss.	Insurance.	Insurance Paid.
July	$ 17,104.17	$ 448,150.00	$ 15,803.11
August	117,075.44	195,550.00	58,094.32
September	67,043.82	436,000.00	53,178.31
October	50,472.41	282,990.00	33,755.21
November	51,462.22	510,075.00	42,090.65
December	82,750.82	714,497.26	44,429.54
1912.			
January	41,953.20	370,541.00	37,767.61
February	38,072.95	481,718.60	33.695.49
March	140,890.86	593,680.00	62.429.46
April	22,157.63	202,577.76	19,451.10
May	33,285.88	305,530.00	26,099.28
June	43,842.23	318,953.72	34,291.92
Totals	$706,111.13	$4,860,263.34	$461,086.00

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STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN
EACH COMPANY FOR THE FISCAL

COMPANY AND KIND OF APPARATUS.	Size of Apparatus	Number of Men in Company	Number of Horses in Company
Engine Co. No. 1—American, double	First	11	5
Engine Co. No. 2—Metropolitan, double	Second	11	5
Engine Co. No. 3—American, double	Second	11	5
Engine Co. No. 4—La France, double	First	10	5
Engine Co. No. 5—American, double	Second	11	5
Engine Co. No. 6—American, double	First	11	5
Engine Co. No. 7—Amoskeag, double	Second	11	5
Engine Co. No. 8—Metropolitan, double	Second	11	5
Engine Co. No. 9—La France, double	First	11	5
Engine Co. No. 10—American, double	Second	11	5
Engine Co. No. 11—Amoskeag, double	Second	11	5
Engine Co. No. 12—American, double	First	11	5
Engine Co. No. 13—La France, double	Third	11	5
Engine Co. No. 14—Clapp & Jones, double	Second	11	5
Engine Co. No. 15—American, double	Second	11	5
Engine Co. No. 16—La France, double	Second	11	5
Engine Co. No. 17—American, double	First	11	5
Engine Co. No. 18—Metropolitan, double	Third	11	5
Engine Co. No. 19—Metropolitan, double	Second	11	5
Engine Co. No 20—Clapp & Jones, double	Second	11	5
Engine Co. No. 21—American, double	Third	11	5
Engine Co. No. 22—La France, double	Third	11	5
Engine Co. No. 23—Metropolitan, double	Third	11	5
Engine Co. No. 24—La France, double	Fourth	11	5
Engine Co. No. 25—Clapp & Jones, double	Second	11	5
Engine Co. No. 26—Amoskeag, double	Third	11	5
Engine Co. No 27—Clapp & Jones, double	Second	11	5
Engine Co. No. 28—Clapp & Jones, double	Second	11	5
Engine Co. No. 29—Metropolitan, double	Second	11	5
Engine Co. No. 30—La France, double	Third	11	5
Engine Co. No. 31—Metropolitan, double	Third	11	5
Engine Co. No. 32—Amoskeag, double	Second	11	5
Engine Co. No. 33—La France, double	Fourth	11	5
Engine Co. No. 34—Continental, double	Second	11	5
Engine Co. No. 35—American, double	First	11	5
Engine Co. No. 36—Clapp & Jones, double	Third	11	5
Engine Co. No. 37—La France, double	Second	11	5
Engine Co. No. 38—La France, double	Fourth	11	5
Engine Co. No. 39—Metropolitan, double	Third	11	5
Engine Co. No. 40—Clapp & Jones, double	Third	11	5
Engine Co. No. 41—Continental, double	Third	11	5
Engine Co. No. 42—La France, double	Third	11	5
Engine Co. No. 43—La France, double	Third	11	5
Engine Co. No. 44—La France, double	Fourth	11	6
Engine Co. No. 45—La France, double	Fourth	11	4
Truck Co No. 1—American, La France	First	12	3
Truck Co. No. 2—Hayes, trussed	First	12	3
Truck Co. No. 3—Hayes, trussed	First	12	3
Truck Co. No. 4—Rumsey, straight frame	First	12	3
Truck Co. No. 5—Rumsey, trussed	First	12	3
Truck Co. No. 6—Straight framed	Third	12	3
Truck Co. No. 7—Seagrave, trussed	First	12	3
Truck Co. No. 8—Trussed frame	First	12	3
Truck Co. No. 9—Straight frame	Second	12	3
Truck Co. No. 10—Straight frame	First	12	3
Truck Co. No. 11—Straight frame	First	12	3
Truck Co. No. 12—Trussed frame	First	12	3
Chemical Co. No. 1—Champion, double, 80 gallon	First	4	2

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AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY YEAR ENDING JUNE 30, 1912.

HOSE.		Number of Bell Alarms Responded to	Number of Fires Performed Duty at	Number of Still Alarms Responded to	Time Worked.	
Kind.	Number of Feet and Size.				Hours	Minutes
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	79	18	6	23	20
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	88	15	1	23	15
Cotton	1,550 feet, 2¾ inches; 400 feet, 1½ inches	68	20	3	19	30
Cotton	1,500 feet. 2¾ inches; 250 feet, 1½ inches	88	21	0	36	55
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	72	11	8	22	12
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	70	27	10	35	
Cotton	1,500 feet, 2¾ inches; 200 feet, 1½ inches	64	17	0	10	05
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	68	17	18	22	03
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	41	26	15	28	10
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	98	27	3	46	10
Cotton	1,700 feet, 2¾ inches; 250 feet, 1½ inches	23	17	6	27	28
Cotton	1,500 feet. 2¾ inches; 250 feet. 1½ inches	54	12	11	22	
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	76	28	9	30	
Cotton	1,500 feet. 2¾ inches; 400 feet, 1½ inches	92	37	31	38	55
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	67	22	25	20	39
Cotton	1,600 feet, 2¾ inches; 250 feet, 1½ inches	36	18	8	18	55
Cotton	1,500 feet, 2¾ inches; 300 feet, 1½ inches	84	37	15	36	45
Cotton	1,600 feet, 2¾ inches; 250 feet, 1½ inches	65	21	12	23	40
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	85	27	13	32	50
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	30	22	12	18	
Cotton	1,500 feet, 2¾ inches; 200 feet, 1½ inches	58	20	28	20	30
Cotton	1,700 feet, 2¾ inches; 250 feet, 1½ inches	31	16	9	33	50
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	54	15	17	27	30
Cotton	1,700 feet, 2¾ inches; 250 feet, 1½ inches	29	11	8	15	04
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	113	53	28	58	10
Cotton	1,700 feet, 2¾ inches; 250 feet, 1½ inches	54	28	22	39	
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	78	25	23	21	30
Cotton	1,400 feet, 2¾ inches; 250 feet, 1½ inches	44	9	16	16	15
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	78	40	16	81	15
Cotton	1,700 feet, 2¾ inches; 250 feet, 1½ inches	39	16	19	18	55
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	33	11	11	8	30
Cotton	1,800 feet, 2¾ inches; 250 feet, 1½ inches	45	20	6	36	15
Cotton	1,700 feet, 2¾ inches; 250 feet, 1½ inches	12	9	5	15	30
Cotton	1,500 feet, 2¾ inches; 400 feet, 1½ inches	76	32	18	24	20
Cotton	1,500 feet, 2¾ inches; 300 feet, 1½ inches	67	25	16	39	
Cotton	1,700 feet, 2¾ inches; 200 feet, 1½ inches	49	24	13	44	55
Cotton	1,600 feet, 2¾ inches; 250 feet, 1½ inches	76	20	12	31	40
Cotton	1,800 feet, 2½ inches; 250 feet, 1½ inches	33	24	9	29	40
Cotton	1,500 feet, 2¾ inches; 250 feet, 1½ inches	84	33	14	26	
Cotton	1,800 feet, 2¾ inches; 250 feet 1½ inches	16	8	8	12	30
Cotton	1,450 feet, 2¾ inches; 250 feet, 1½ inches	27	10	16	5	05
Cotton	2,000 feet, 2¾ inches; 400 feet, 1½ inches	9	6	3	7	
Cotton	2,050 feet, 2¾ inches; 400 feet 1½ inches	14	5	4	9	35
Cotton	1,600 feet, 2½ inches; 300 feet, 1½ inches	43	22	7	24	
Cotton	2,000 feet, 2½ inches; 250 feet, 1½ inches	10	12	12	21	15
		78	51	25	61	25
		75	48	25	47	10
		60	59	48	56	50
		70	39	20	46	08
		69	67	29	39	25
		56	50	29	40	30
		96	58	2	92	50
		65	41	17	64	20
		78	43	9	68	50
		61	34	17	58	
		81	47	12	51	25
		20	18	8	35	12
Rubber	300 feet, 1 inch; cotton 100 feet, 1½ inches	76	74	63	67	

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STATEMENT OF THE KIND OF APPARATUS, CLASS, NUMBER OF MEN
EACH COMPANY FOR THE FISCAL YEAR

COMPANY AND KIND OF APPARATUS.	Size of Apparatus	Number of Men in Company	Number of Horses in Company
Chemical Co. No. 2—Champion, double, 60 gallon	First	4	2
Chemical Co. No. 3—American La France auto	First	4	0
Chemical Co. No. 4—Champion, double, 60 gallon	First	4	2
Chemical Co. No. 5—Champion, double, 60 gallon	First	4	2
Chemical Co. No. 6—Champion, double, 60 gallon	First	4	2
Chemical Co. No. 7—Combin. chemical hose wagon	Second	4	3
Chemical Co. No. 8—Robinson combination chemical and hose wagon	First	4	3
Chemical Co. No. 9—Holloway, double, 60 gallon	First	4	2
Chemical Co. No. 10—Champion, double, 60 gallon	First	4	2
Water Tower Co. No. 1—Gorter Tower	First	4	4
Water Tower Co. No. 2—Gorter Tower	First	4	3
Fire Boat Co. No. 1—	First	21	
Fire Boat Co. No. 2—With combination chemical and hose wagon	First	21	3
Fire Boat Co. No. 3—		3	
Fire Boat Co. No. 4—		1	
Monitor Battery No. 1—Gorter Battery	First	1	1
Monitor Battery No. 2—Gorter Battery	First	1	1
Monitor Battery No. 3—Gorter Battery	First	1	1

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AND HORSES, ALARMS RESPONDED TO AND DUTY PERFORMED BY ENDING JUNE 30, 1911—(Continued).

HOSE.		Number of Bell Alarms Responded to	Number of Fires Performed Duty at	Number of Still Alarms Responded to	Time Worked	
Kind	Number of Feet and Size.				Hours	Minutes
Rubber	300 feet, 1 inch; cotton 100 ft., 1½ in.	69	60	29	42	59
Rubber	300 feet, 1 inch;	59	43	42	40	20
Rubber	300 feet, 1 inch; 100 feet, 1½ inches	69	52	61	46	38
Rubber	300 feet, 1 inch; 100 feet, 1½ inches	64	30	25	35	20
Rubber	300 feet, 1 inch;	33	14	53	38	15
Cotton	2,100 ft., 2½ in.; 200 ft. 1½ inches	21	17	10	29	15
Cotton	2,000 ft., 2½ in.; 200 ft. 1½ in., cotton	20	17	4	35	30
Rubber	250 ft., 1 in.;	58	51	37	32	
Rubber	300 ft., 1 in.;	44	29	16	25	38
		69	1		1	25
		2	0			
Cotton	3,500 ft., 3 in.; 700 ft., 1 in., cotton	27	8	8	37	15
Cotton	3,530 ft., 3 in.; 650 ft., 1½ in., cotton	15	13	11	14	10
		65	1	0	1	25
		66	0	0		
		56	0	0		

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APPARATUS.

The following apparatus is in good condition and in regular service in the Department: Forty-five steam fire engines, forty-seven hose wagons, twelve hook-and-ladder trucks, seven straight chemical engines, one motor driven straight chemical, two combination chemicals and hose wagons, two water towers, three monitor batteries, two fire boats, fifteen officers' buggies, four automobiles, one hundred portable fire extinguishers, 113,150 feet of cotton jacketed fire hose of all sizes and 3,950 feet of rubber chemical hose.

In addition to the above there is also the following apparatus and vehicles for relief and other purposes in the Department: Nine steam fire engines, nine hose wagons, three hook-and-ladder trucks, four combination hose and chemical wagons, two straight chemical engines, one motor driven chemical engine, eighteen buggies, five supply wagons, nine delivery wagons, one delivery truck, one motor driven delivery truck, two hay wagons, one oil wagon, nine hydrant carts, three breaking carts, one hose carriage, two hose reels, one wrecking wagon, 5,650 feet of new cotton jacketed hose of different sizes, 18,050 feet of cotton watchline hose of different sizes and 1,900 feet of new rubber chemical hose.

NEW APPARATUS ACQUIRED.

During the year the following new apparatus has been purchased by the Department:

Two 80-gallon motor driven chemical engines.

Two automobiles for use of Assistant Chief Engineers.

One motor driven delivery truck for the corporation yard.

The following motor driven apparatus has been contracted for but not yet delivered to the Department:

One motor driven, city service, hook-and-ladder truck.

Two motor driven hose wagons.

One motor driven tractor for drawing steam fire engine.

One motor driven hose tender.

Four automobiles for Battalion Chiefs.

NEW BUILDINGS.

The following new buildings for the Department were completed during the year and companies installed therein:

Two-story class "B" building on Seventh street between Folsom and Harrison.

Two-story frame building on San Bruno avenue between Silver avenue and Silliman street.

Two-story frame building on Brazil avenue near Athens street.

Contracts have been awarded by the proper authorities and steps taken for the erection of the following buildings:

Two-story class "C" building on the east side of Stockton street near Greenwich for Engine Co. 28 and a Battalion Chief headquarters.

Two-story class "C" building on the west side of Twelfth avenue near Geary street for double company.

NEW COMPANIES.

During the year the following new companies were established and put in service:

Engine Co. 42, on San Bruno avenue between Silver avenue and Silliman street.

Engine Co. 43, on Brazil avenue near Athens street.

Engine Co. 44, on Twenty-second street between Castro and Noe streets.

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Engine Co. 45, on Forty-fifth avenue between Irving and Judah streets.

Truck Co. 12, in the quarters of Engine Co. 30, 1757 Waller street.

Water Tower Co. No. 2, in the quarters of Engine Co. 6, on Seventh street between Folsom and Harrison streets.

The following companies were discontinued:

Chemical Co. 11, Engine Co. 44 taking the place thereof in the quarters occupied by that company.

Chemical Co. 12, Engine Co. 45 taking the place thereof in the quarters occupied by that company.

HYDRANTS.

During the year forty-two new hydrants were set in different portions of the city and twenty-five were reset, making a total of 4,390 fresh water and twenty-nine salt water hydrants that are in service, aside from those of the high pressure auxiliary water system.

DEPARTMENT STABLES.

There are at present 396 horses and one colt in the Department, including those that are kept for relief and emergency purposes, and with the exception of eleven that are under treatment at the stables, they are all in fairly good condition.

During the past year fifty horses were purchased, twenty-five were condemned as unfit for active service, five of which were transferred to the Relief Home, five to the City and County Hospital and fifteen were sold at public auction. Five horses died during the year from various diseases, two dropped dead from heart disease while responding to alarms of fire and one was shot on account of a broken leg, making a total of eight horses that were lost during the year. Seven hundred and twenty-eight cases of sickness and injury were treated by the veterinarian, all of which recovered with the exception of those above mentioned.

RETIRED ON PENSION.

The following members of the Department have been retired from active service on pension during the past year:

Michael O'Neil, Hoseman Engine Co. 37, retired on account of physical disability.

Cornelius Connell, Driver Engine Co. 39, retired on account of full time of service.

William S. Casebolt, Engineer Engine Co. 32, retired on account of physical disability.

Albert Hendrixson, Hoseman Relief Engine Co. 2, retired on account of physical disability.

Nicholas Barbetta, Driver Monitor Battery 2, retired on account of full time of service.

Joseph Sawyer, Watchman Corporation Yard, retired on account of full time of service.

John McClusky, Battalion Chief, retired on account of full time of service.

DEATHS.

The following members of the Department died during the past year:

Walter Cline, Lieutenant Engine Co. 8, August 14, 1911, of tuberculosis.

John Hayes, Hoseman Engine Co. 6, September 14, 1911, of fracture of skull from accidental fall at his home.

Henry McMahon, Hoseman Engine Co. 37, November 30, 1911, of accidental asphyxiation while off duty.

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E. L. Raffestin, Hoseman Engine Co. 19, January 5, 1912, of lagrippe.

Thomas J. Ahern, Hoseman Engine Co. 35, March 17, 1912, of asphyxiation while working at a fire.

William Miskel, Captain Engine Co. 4, May 9, 1912, of heart disease.

Walter Shields, Hoseman Engine Co. 23, May 13, 1912, of pneumonia.

APPOINTMENTS, RESIGNATIONS AND DEATHS.

During the year one hundred and five appointments of hosemen and truckmen were made in the Department from the civil service eligible lists, seventeen members resigned and four regular members of the Department were dismissed from the service for violation of the rules and regulations.

AUXILIARY WATER SUPPLY SYSTEM FOR FIRE PROTECTION.

Considerable progress toward the completion of the auxiliary water supply system for fire protection purposes has been made during the past year and there is in operation and available for use fifty-four miles of water mains and 690 hydrants, and when the system, as at present contemplated, is completed it will comprise about sixty-eight miles of water mains and 850 hydrants.

The Twin Peaks reservoir, from which this system will receive its supply of water, has been completed. This reservoir is ellipse in form, having a major axis of 375 feet and a minor axis of 281 feet, with a capacity for ten million gallons, and is constructed entirely of reinforced concrete, six inches thick on the bottom and eight inches thick on the slopes. It is thirty-two feet deep and the surface of water is 760 feet above the sea level, which will give 330 pounds pressure per square inch at the foot of Market street or city base. It is divided by a concrete wall, making two separate compartments, either of which may be emptied for cleaning or repairing while the other remains in commission. The cost of construction of this reservoir was $178,000. A steel tank has also been completed on Ashbury street, opposite Carmel, at an elevation of 490 feet. This tank is circular in shape with a diameter of fifty-five feet and a depth of twenty-nine feet and has a capacity of 500,000 gallons. It is the intention to supply this tank with fresh water from the Spring Valley Water Company's tank on Clarendon Heights by gravity to a six or eight-inch main, and the necessary pumps will be installed in the pump house adjoining this tank to force the water up to the main reservoir on Twin Peaks. This tank will supply the upper zone or that portion of the city which is more than 150 feet above sea level. The combined supply from tanks and reservoir would furnish one hundred streams of 250 gallons per minute each for nearly eight hours.

It is also proposed to erect a circular steel tank on the city property in the block bounded by Sacramento, Clay, Jones and Leavenworth Streets. This tank will be on an eelvation of 329 feet, with a capacity of 1,000,000 gallons, and is intended to supply the lower zone or that part of the city of less than 150 feet above seal level.

Pumping Station No. 1, at Second and Townsend Streets, which is also a part of the auxiliary fire protection system, has been completed and is now in operation. This station is equipped with four Babcock, Wilcox water tube boilers, arranged in batteries of two, each battery fitted with separate smoke stacks, 6½ feet in diameter and 82 feet high, with space provided for two additional boilers if necessary. The steam pipe is arranged so that in case of an accident to a part the entire plant will not be disabled. Each boiler is capable of evaporating not less than 26,200 pounds of water per hour at 150 pounds pressure per square inch.

This plant contains four multi-stage turbine pumps, each capable of delivering not less than 2,000 gallons of water per minute against a pressure of 300 pounds

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per square inch at a speed of 1,750 revolutions per minute. This station contains a fresh water cistern beneath the working platform holding 50,000 gallons of water available for boiler feed. In addition there are tanks for the storage of lubricating oils, feed pumps, fuel oil pumps, electric lighting plant, a ten-ton traveling crane, a 3,000 horsepower feed water heater and intake and discharge pipes from the pumps with strainers.

The preliminary work of the construction of a pumping plant similar to the above is now progressing at the foot of Van Ness Avenue on Government ground. This will be known as Pumping Station No. 2.

RECOMMENDATIONS.

I respectfully recommend that new building sites be procured for the department at the following locations:

Lot in the vicinity of Plymouth Avenue and Lake View Avenue, 50x100 feet, for an engine company.

Lot in the vicinity of Jones and Clay streets, 30x100 feet for a hook-and-ladder company and a chemical company.

Lot on the south line of Silver street, facing the rear of the department lot on Bryant street formerly occupied by Engine Co. No. 10.

lot in the vicinity of Eighteenth and Eureka Streets, 50x100 feet, for a hook-and-ladder company and a high pressure water system hose wagon.

Lot in the vicinity of Diamond and Conrad streets for an engine company.

I recommend the erection of buildings on new sites recommended for purchase as follows:

Two-story class "C" building in the vicinity of Eighteenth and Eureka streets for a hook-and-ladder company and a high pressure water system hose wagon.

Two-story class "C" building in the vicinity of Jones and Clay streets for a hook-and-ladder company and a chemical company.

Two-story class "C" building in the vicinity of Diamond and Conrad streets for a new engine company.

Two-story class "C" building in the vicinity of Plymouth and Lake View Avenues for an engine company.

Also the erection of buildings on sites already in the possession of the department as follows:

Two-story class "C" building at Drumm and Commercial streets for an engine company, a hook-and-ladder company, a high pressure system hose wagon, a monitor battery and a Battalion Chief's headquarters.

Two-story class "C" building on San Bruno Avenue near Twenty-fifth street for Engine Co. 37 and Hook-and-Ladder Company 9.

Two-story class "C" building on the north line of Bryant street, west of Third street, as a headquarters for a Battalion Chief and Engine Co. 35, Truck Co. 3 and Monitor Battery 2. These companies to be changed there from their present location on Bluxome street, which is very unsuitable.

Two-story class "C" building at Twentieth and Kentucky streets for Engine Co. 16, a new truck company, a hose wagon tender for the fire boats and a headquarters for a Battalion Chief.

Two-story frame buidling in the rear of Truck Co. 7 for use as a carpenter shop and a plumbing shop for the department.

Two-story class "C" building on Second street between Mission and Howard streets for a new hook-and-ladder company.

Four-story class "A" building on Mint Avenue near Fifth street for general headquarters and offices for the department and quarters for the Chief Engineer and an Assistant Chief Engineer, with quarters on the lower floors for Engine Co. 17, a new truck company and a high pressure system hose wagon. This recommendation calls for special consideration, as the establishment of general headquarters for fire departments, independent of the other branches of municipalities,

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now in vogue in all the larger cities and better results have obtained therefrom in the departments.

There are at present a number of companies housed in temporary frame structures, the majority of which are within the boundaries of the fire limits. More modern structures should be provided for these companies, and I accordingly make the following recommendations:

Two-story class "C" building for Engine Co. 3, Chemical Co. 6 and Monitor Battery 1, now temporarily located on school department lot on Pine street near Larkin.

Two-story class "C" building for Engine Co. 4, Water Tower No. 1 and Chemical Co. 1 at 676 Howard street.

Two-story class "C" building for Engine Co. 5, 1219 Stockton street.

Two-story class "C" building for Engine Co. 8 and Truck Co. 4 at 1648 Pacific Avenue.

Two-story class "C" building for Engine Co. 9 and high pressure water system hose wagon at 320 Main Street.

Two-story class "C" building for Engine Co. 19 on Market street, between Tenth and Eleventh.

Two-story class "C" building for Hook-and-Ladder Co. 2 and Chemical Co. 5 at 643 Broadway.

Two-story class "C" building for Truck Co. 3 and Chemical Co. 4 at 451 McAllister street.

Two-story class "C" building for Truck Co. 5 and Chemical Co. 2 at 1819 Post street.

I would also recommend that a concrete wall be erected in the rear of Engine Co. 26 and a shed built for a fuel wagon and the storage of relief apparatus. Also that the department stables be painted and whitewashed and a hospital built in the rear thereof for the care and treatment of sick and injured horses of the department and a cement watering trough be built. That a shed be built on the lot adjoining the quarters of Engine Co. 29 for the storage of wagons and hydrant carts which are now kept in the open space in front of the department stables. Further that a concrete wall be built around the yard of quarters of Engine Co. 38, with a six-foot fence, and that a new sidewalk be placed in front of said quarters.

I would recommend the installation of the following additional companies during the year, the apparatus thereof to be motor propelled:

New Engine Company on a site to be purchased in the vicinity of Plymouth and Lake View Avenues, as a substitute therefor the removal of Engine Co. 33 from 117 Broad street to that location.

New engine company on the fire department site on Wilde Avenue and Girard street.

New engine company on Twelfth Avenue, near Geary street.

New engine company in the vicinity of Conrad and Diamond streets.

New engine company in the vicinity of 42d Avenue and Geary street.

New hook-and-ladder company on Twelfth Avenue, neary Geary street.

New hook-and-ladder company at Eighteenth and Eureka streets.

New hook-and-ladder company in the vicinity of Clay and Jones streets.

Ntw hook-and-ladder company at Twentieth and Kentucky streets.

New hook-and-ladder company at Drumm and Commercial streets.

New hook-and-ladder company at Second street, between Mission and Howard streets.

High pressure system hose wagon at Eighteenth and Eureka streets.

High pressure water system hose wagon at Drumm and Commercial.

Hose wagon tender for fire boats at Twentieth and Kentucky streets.

Chemical company in the vicinity of Clay and Jones streets.

I would also recommend the installation of at least fifty additional street

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water cisterns for fire protection purposes, to be located in sections of the city that are not covered by the mains of the Spring Valley Water Company or provided for by the high pressure auxiliary water system.

In this connection I would further recommend that the excavation in Howard street at its intersection with Tenth street, which was formerly used by the United Railroads, and which could readily be converted into a water cistern of from 800,000 to 900,000 gallons capacity at a comparatively small expense, be utilized for that purpose.

In order to afford sufficient water facilities for fire protection purposes in that rapidly growing section in the vicinity of the Oceanside district south of the Golden Gate Park, which at the present time is without any protection in this respect, I would recommend that connection be made with the pipe system from the pumps supplying Lake Metson in Golden Gate Park by running a 12-inch pipe from the same through the Park to connect to the new cistern installed at Forty-seventh Avenue and Judah street and thence running through intersecting streets to Forty-ninth Avenue and Pacheco street. By this means the said cistern could be more rapidly filled when required. Hydrants could be connected to this main at desirable points, which, after their installation could be maintained without any additional cost to the municipality. If this work were done in accordance with the plans now on file in this office it would afford that district an ample supply of water for fire protection purposes.

For the protection of that portion of the Sunset District and the Richmond District that is now lacking in water for fire department purposes, as well as the Parkside District, I would recommend that a reservoir with a capacity of 5,000,000 gallons of water be constructed in the vicinity of Twelfth Avenue and Rivera street, and distributing mains to be laid to cover the entire Sunset District and crossing the park to the Richmond District. The water to supply this reservoir could be piped from the Clarendon Heights reservoir. If this be accomplished the serious problem of providing water for fire protection purposes for that portion of the city would be overcome, as the entire Sunset and a portion of the Richmond District would have an independent water supply amply sufficient for all purposes.

I would also recommend that a 12-inch pipe connection be made with the reservoir in Golden Gate Park at Grove and Stanyan streets and that hydrants be connected thereto on Stanyan and Fulton streets, as the Spring Valley Water Company's pressure is very low in this location.

In order to afford better fire protection to the district west of Thirty-second Avenue and along Geary street I would recommend that a reservoir of 3,000,000 gallons capacity be constructed in Lincoln Park to be supplied from the 10-inch main which the Park Commission has installed on Thirty-ninth Avenue from the Golden Gate Park to Lincoln Park. The water to supply this reservoir could be obtained from the Murphy windmill in Golden Gate Park. Or if this arrangement could not be carried out a salt water supply could be obtained by the city running a main from the Olympic Salt Water Company's main on Geary street to the reservoir and having the water pumped thereto. Mains from the reservoir could be extended along Lake and Clement streets, thus insuring a plentiful supply and ample pressure for fire protection purposes in the West Richmond district. Hydrants could then be installed at available points along the line of these mains.

Arrangements are also being made with the Olympic Salt Water Co. to have installed in its pumping station on the Great Highway a tapper connecting with the fire alarm signal station, which will notify those in charge of the pumping station whenever a fire occurs along the line of its present salt water main in Geary street and upon the receipt of which the pumps will be started, thus insuring an ample supply of salt water. If this can be accomplished hydrants can be connected to said main in Geary street at each corner from Thirty-second Avenue west.

I would recommend that Chemical Co. 8 be changed from its present loca-

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tion on Cliff Avenue to some desirable point in the Sunset District in the vicinity of Nineteenth Avenue and Quintera street.

During the past year signal gongs, which are operated from the fire alarm office, and which ring as a warning for traffic to cease on the approach of the fire apparatus, have been installed at the street crossings on Market street from Second to Sixth street. I would recommend that this system be extended from Sixth to Ninth and from Second to First street on Market; also on Montgomery street from Market to California, Kearny street from Market to California, Grant Avenue from Market to Bush, Stockton street from Market to Post, Powell street from Market to Post, First street from Market to Howard, Second street from Market to Howard, Third street from Market to Howard, Fourth street from Market to Howard, Fifth street from Market to Howard and Sixth street from Market to Howard.

I would also recommend that all fire alarm boxes that have not as yet been provided with keyless doors be so equipped as soon as possible.

I again desire to call attention to the importance of changing the entire fire fighting apparatus of the department from horse to motor driven as soon as possible. This class of apparatus has now passed the experimental stage, and is rapidly being acquired by fire departments all over the world. The prime factor for the acquirement of this class of apparatus is the economy resulting from its operation and maintenance as well as its efficiency. During the past year fourteen pieces of this class of apparatus have been placed in service or has been contracted for, as is stated in detail elsewhere in this report, which was all the limited appropriation provided for this purpose would allow for. The same condition as to appropriation prevails for the present fiscal year, and while the appropriation allowed will not permit the purchase of the entire amount herein numerated, yet I would recommend that the following motor driven apparatus and fire hose be acquired during the present fiscal year if it be possible to do so: six straight chemicals, six combination chemicals and hose wagons, two pumping engines, six hook-and-ladder trucks, six tractors, seven Battalion Chiefs' automobiles and two delivery trucks, 25,000 feet of 2¾-inch hose, 5,000 feet of 3½-inch hose, 10,000 feet of 1½-inch hose, 5,000 feet of 2½-inch hose, 5,000 feet of 3-inch hose and 5,000 feet of rubber chemical hose.

The event of the opening of the Panama Canal within a few years will result in an enormous increase in the shipping interests of this city and will bring to this port many vessels of a greater carrying capacity than those now operated here. I would therefore recommend the construction of two steel barges to be equipped with machines for the generating of gas to be utilized for the purpose of extinguishing fires that may occur in the cargoes of vessels while confined to the holds thereof, as this is the only manner in which such fires may be successfully handled without almost totally destroying or damaging the cargoes.

I also desire to call attention to the urgent necessity of having a fire alarm signal station so situated as to be entirely isolated from surrounding buildings by erecting the same in the center of some public park or square, as the protecting of this branch of the service from fire in the event of a large conflagration is very essential and did this municipality possess at the present time a fire alarm signal station so situated I am confident that a material reduction in insurance rates would prevail. I therefore recommend that a one-story class "A" building be erected for this purpose in Jefferson Square, to be used solely as a fire alarm signal station with a basement connected therewith for the storage of the batteries. The machine shops connected with this department should be placed elsewhere than in the building used for this particular purpose.

In conclusion I desire to extend by sincere thanks to your Honorable Board for the active and untiring interest always manifested by you in matters pertaining to the efficiency and advancement of the department. I also desire to express my thanks and appreciation to the officers and members of the department for the

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commendable manner in which they have performed their required duties during the fiscal year just ended, and in this connection I desire to call attention to the fact that the losses by fire during the past year have been less than for than any year since 1906, which in its self speaks well for the efficiency of the department when the fact is taken into consideration that the number of fires during the year greatly exceeded that of any of the previous years.

To his Honor, th Mayor, the heads of the different departments of the municipality, the Chief of Police and the members of his force, Fire Marshal Towe and Superintendent Comstock of the Underwriters Fire Patrol, Chief Nixon of the Department of Electricity, City Engineer Manson and his assistants and the attaches of the City Architect's office, I also desire to extend my thanks in appreciation of the valuable assistance they have given the department whenever the opportunity presented itself.

Respectfully submitted,

THOS. R. MURPHY,
Chief Engineer, S. F. F. D.

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MEMBERS AND EMPLOYEES OF THE SAN FRANCISCO FIRE DEPARTMENT.

Thos. R. Murphy	Chief Engineer
M. J. Dolan	First Assistant Chief Engineer
Jno. McCluskey	Second Assistant Chief Engineer
Michael O'Brien	Battalion Chief
Jas. P. Britt	Battalion Chief
Michael Boden	Battalion Chief
George Bailey	Battalion Chief
John Wills	Battalion Chief
Jas. F. Layden	Battalion Chief
Thos. J. Murphy	Battalion Chief
Stephen D. Russell	Battalion Chief
John J. Conlon	Battalion Chief
Jas. Radford	Battalion Chief
Chas. Murray	Battalion Chief
Walter A. Cook	Battalion Chief
John R. Maxwell	Battalion Chief
Matthew J. Farley	Battalion Chief

CHIEF'S OPERATORS.

Jas. Taylor	Jno. W. Parry
Thos. G. Howe	Jos. Burnett
Chas. P. Gill	Edw. Kelleher
R. R. Witts	H. R. Marden
Thos. F. Kenny	Thos. F. McGlynn
Wm. F. Simmonds	Jno. S. Brant
F. P. Kelly	Chas. Claveau

ENGINE CO. NO. 1—451 Pacific Street.

Wm. B. Everson	Captain	J. W. Cole	Hoseman
August Stoffer	Lieutenant	Wm. L. Derham	Hoseman
B. A. Derham	Engineer	P. Hallisy	Hoseman
Edw. F. Downs	Driver	A. O'Keeffe	Hoseman
H. M. Tillson	Stoker	Thos. F. Collins	Hoseman
H. X. Derham	Hoseman		

ENGINE COMPANY NO. 2—460 Bush Street.

Thos. Muldowney	Captain	R. S. Haynes	Hoseman
Wm. A. Roebling	Lieutenant	Geo. Fredrickson	Hoseman
Edw. P. O'Malley	Engineer	Wm. J. Nolan	Hoseman
L. H. Ryan	Driver	Wm. M. Regan	Hoseman
Jos. Barskey	Stoker	J. J. Toomey	Hoseman
C. R. Hoover	Hoseman		

ENGINE CO. NO 3—1423 Pine Street.

W. E. Gallatin, Jr.	Captain	Jas. Koopman	Hoseman
Wm. P. Conlin	Lieutenant	D. L. Boehm	Hoseman
Jos. W. Belden	Engineer	Thos. W. Fields	Hoseman
Geo. McCarroll	Driver	Chas. W. Hewitt	Hoseman
Jas. A. Lewis	Stoker	Harry Brown	Hoseman
F. W. Neill	Hoseman		

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ENGINE CO. NO 4—676 Howard Street.

.....Captain	M. A. Tehaney .....Hoseman
Howard Holmes.....Lieutenant	W. Sweeney .....Hoseman
Jno. Hannan .....Engineer	E. P. Courtney .....Hoseman
P. Gordon .....Driver	Jas. A. Lanthier .....Hoseman
C. E. Hagerty .....Stoker	Jas. P. Gallagher .....Hoseman
D. J. Mulcahy .....Hoseman	

ENGINE CO. NO 5—1235 Stockton Street.

Jno. F. Riley .....Captain	E. F. Gill .....Hoseman
A. Isaacs .....Lieutenant	V. L. Demartini .....Hoseman
P. H. Brandon.....Engineer	E. M. Hogan .....Hoseman
P. DeMartini .....Driver	J. F. Klatt.....Hoseman
F. C. Gerlach .....Stoker	J. F. Woodman .....Hoseman
C. J. Sullivan .....Hoseman	

ENGINE CO. NO. 6—356 Seventh Street.

Geo. Lawson .....Captain	Jno. Miskel .....Hoseman
J. F. Sweeney .....Lieutenant	Jno. Leckie .....Hoseman
F. Reckenbeil .....Engineer	Jno. Quinlan .....Hoseman
Wm. P. Norton .....Driver	L. J. Lavin .....Hoseman
A. J. Hennessey .....Stoker	T. E. Kenny .....Hoseman
Jno. F. Bohn .....Hoseman	

ENGINE CO. NO. 7—3160 16th Street.

A. W. Welch .....Captain	R. T. Burke .....Hoseman
C. W. Mulloy .....Lieutenant	Geo. Faubel .....Hoseman
M. J. Rodriquez .....Engineer	Jas. Harlow .....Hoseman
L. Wolters .....Driver	Chas. Miller .....Hoseman
Jno. Ryan .....Stoker	F. W. Sullivan .....Hoseman
W. J. Olsen .....Hoseman	

ENGINE CO. NO. 8—1648 Pacific Avenue.

Alfred Davis .....Captain	E. G. Bowler .....Hoseman
A. C. Butt .....Lieutenant	Jno. Windsor .....Hoseman
Edw. Colligan .....Engineer	M. Burnes .....Hoseman
Jno. Farrell .....Driver	M. Brown.....Hoseman
Tim. Flynn .....Stoker	Wm. E. Everson .....Hoseman
H. E. Church .....Hoseman	

ENGINE CO. NO. 9—336 Main Street.

Wm. F. Curran.....Captain	J. J. Rowan .....Hoseman
Thos. J. Bean .....Lieutenant	J. M. Everson .....Hoseman
Geo. W. Hall .....Engineer	Jno. Kenny .....Hoseman
W. Seaman .....Driver	Wm. J. Wilson .....Hoseman
Jos. Allen .....Stoker	C. F. Reynolds .....Hoseman
W. N. Strickler .....Hoseman	

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ENGINE CO. NO. 10—3050 17th Street.

C. J. Cullen ..... Captain
M. Spellman ..... Lieutenant
A. H. Spiegel ..... Engineer
D. Burke ..... Driver
W. H. Lynch ..... Stoker
Wm. Van Devort ..... Hoseman
J. B. Carney ..... Hoseman
J. A. O'Brien ..... Hoseman
P. J. King ..... Hoseman
T. B. McCarthy ..... Hoseman
P. D. Horan ..... Hoseman

ENGINE CO. NO. 11—1632 Oakdale Avenue.

Chas. Smith ..... Captain
J. H. Hoare ..... Lieutenant
C. J. Strouse ..... Engineer
Jas. Hagen ..... Driver
L. F. Mitchell ..... Stoker
P. Moholy ..... Hoseman
P. Brady ..... Hoseman
P. F. Moholy ..... Hoseman
Chas. Reinfeld ..... Hoseman
G. H. Wielen ..... Hoseman
H. Sommerfeld ..... Hoseman

ENGINE CO. NO. 12—101 Commercial Street.

S. Rocca ..... Captain
Jos. Bailey ..... Lieutenant
V. T. Long ..... Engineer
Edw. O'Neill ..... Driver
R. S. Bracken ..... Stoker
Jas. Tyrrell ..... Hoseman
Chas. Shay ..... Hoseman
E. A. Mitchell ..... Hoseman
Jos. Meader ..... Hoseman
Jas. Walsh ..... Hoseman
H. D. Murphy ..... Hoseman

ENGINE CO. NO. 13—1458 Valencia Street.

D. Newell ..... Captain
G. P. Linehan ..... Lieutenant
A. C. Ohlsen ..... Engineer
G. W. Drolette ..... Driver
A. Lafferty ..... Stoker
F. Powers ..... Hoseman
A. McDonald ..... Hoseman
Chas. Molloy ..... Hoseman
J. L. Shanahan ..... Hoseman
J. W. O'Connor ..... Hoseman
J. J. McTernan ..... Hoseman

ENGINE CO. NO. 14—1051 McAllister Street.

Wm. J. Kenealey ..... Captain
Jno. J. Murray ..... Lieutenant
S. Rainey ..... Engineer
F. G. Goette ..... Driver
J. L. Tracy ..... Stoker
B. Butler ..... Hoseman
M. S. Munter ..... Hoseman
J. W. Mallory ..... Hoseman
J. J. McAvoy ..... Hoseman
J. H. Grimenstein ..... Hoseman
B. Sorensen ..... Hoseman

ENGINE CO. NO. 15—2114 California Street.

F. E. Whitaker ..... Captain
R. Allen ..... Lieutenant
E. J. Moran ..... Engineer
A. A. Morrissey ..... Driver
H. G. Cull ..... Stoker
J. T. Hayes ..... Hoseman
J. J. McFeeley ..... Hoseman
Jas. Skinner ..... Hoseman
M. D. Abreo ..... Hoseman
F. W. Ireland ..... Hoseman
C. J. Conroy ..... Hoseman

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ENGINE CO. NO. 16—1009 Tennessee Street.

W. H. Byrne .....Captain
M. Duddy .....Lieutenant
Wm. Moore .....Engineer
Jno. Titus .....Driver
B. E. Day .....Stoker
Jno. Cunningham.....Hoseman
J. F. Daly .....Hoseman
T. D. Connors .....Hoseman
T. F. Walsh.....Hoseman
C. J. McLaughlin.....Hoseman
A. Cunningham .....Hoseman

ENGINE CO. NO. 17—34 Mint Street.

C. F. Ward .....Captain
J. Lavaroni .....Lieutenant
Thos. Kelly .....Engineer
W. F. Cooper .....Driver
N. Johnston .....Stoker
F. S. Fava .....Hoseman
A. Dubs .....Hoseman
W. H. Vogel .....Hoseman
J. J. Loh .....Hoseman
M. Lee .....Hoseman
Wm. Sawyer.....Hoseman

ENGINE CO. NO. 18—317 Duncan Street.

D. Murphy .....Captain
Jno. Lahey.....Lieutenant
D. J. McLaughlin.....Engineer
W. Graham .....Driver
Chas. MacDonald .....Stoker
J. E. Grant .....Hoseman
Wm. Murphy .....Hoseman
Thos. Jones .....Hoseman
Wm. Crawhall .....Hoseman
E. G. Riordan .....Hoseman
P. J. Murphy .....Hoseman

ENGINE CO. NO. 19—52 Waller Street.

Jos. Dolan .....Captain
H. Reid .....Lieutenant
Wm. Crosby .....Engineer
Wm. M. Foley .....Driver
Jas. Bohan .....Stoker
R. W. Prichard .....Hoseman
J. F. Scott .....Hoseman
W. A. Bullier .....Hoseman
Thos. Logan .....Hoseman
Thos. Stanton .....Hoseman
M. A. Foley .....Hoseman

ENGINE CO. NO. 20—2117 Filbert Street.

Thos. Magner .....Captain
Wm. Jeffers .....Lieutenant
Frank Crockett .....Engineer
D. Capelli .....Driver
D. J. Riordan .....Stoker
S. S. Powell .....Hoseman
E. V. Comber .....Hoseman
E. J. Shea .....Hoseman
Harry Piper .....Hoseman
H. J. Carr .....Hoseman
L. Schatz .....Hoseman

ENGINE CO. NO. 21—1152 Oak Street.

Fred Grote .....Captain
Jas. Feeney .....Lieutenant
M. J. O'Connell .....Engineer
Jas. Cronen .....Driver
H. Tricou .....Stoker
Edw. Long .....Hoseman
.....Hoseman
A. J. Morrison .....Hoseman
J. M. Kennedy .....Hoseman
H. J. Hopkins .....Hoseman
W. A. Taylor.....Hoseman

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ENGINE CO. NO. 22—1340 10th Avenue.

Jno. Fay ..... Captain
Thos. Kelly ..... Lieutenant
Jos. E. Finn ..... Engineer
J. F. Mahoney ..... Driver
E. Crummey ..... Stoker
P. Dunlevy ..... Hoseman
Edw. McDermott ..... Hoseman
E. D. O'Neill ..... Hoseman
Wm. Kirkpatrick ..... Hoseman
W. J. O'Connor ..... Hoseman
A. B. Butterworth ..... Hoseman

ENGINE CO. NO. 23—3022 Washington Street.

Frank Lermen ..... Captain
E. Valente ..... Lieutenant
Chas. Hewitt ..... Engineer
Geo. McDonald ..... Driver
F. P. Mann ..... Stoker
C. F. Dumbrell ..... Hoseman
B. F. Currier ..... Hoseman
F. W. Becker ..... Hoseman
L. Masterson ..... Hoseman
Jno. McDonald ..... Hoseman
Geo. S. Nisson ..... Hoseman

ENGINE CO. NO. 24—478 Douglass Street.

E. J. Gillig ..... Captain
E. McCormick ..... Lieutenant
B. J. McShane ..... Engineer
J. F. Collins ..... Driver
H. Parks ..... Stoker
Edw. Toland ..... Hoseman
F. P. Pope ..... Hoseman
J. J. Flood ..... Hoseman
H. H. Geister ..... Hoseman
W. C. Johnston ..... Hoseman
W. F. Vocke ..... Hoseman

ENGINE CO. NO. 25—2547 Folsom Street.

Wm. Gill ..... Captain
G. H. Thomas ..... Lieutenant
J. A. Fitzpatrick ..... Engineer
M. Norton ..... Driver
J. McNamara ..... Stoker
D. J. Crowley ..... Hoseman
Wm. Swanton ..... Hoseman
C. Kelleher ..... Hoseman
E. H. McKittrick ..... Hoseman
J. E. Doherty ..... Hoseman
W. Molloy ..... Hoseman

ENGINE CO. NO. 26—851 Second Avenue.

Jas. Conniff ..... Captain
Jno. H. Brophy ..... Lieutenant
P. D. Hughes ..... Engineer
Jno. Cahill ..... Driver
W. Lintott ..... Stoker
H. Welch ..... Hoseman
J. Devlin ..... Hoseman
B. F. Jones ..... Hoseman
M. J. Glennan ..... Hoseman
Edw. Murphy ..... Hoseman
Jos. Coleman ..... Hoseman

ENGINE CO. NO. 27—621 Hermann Street.

Jno. Matheson ..... Captain
T. Trivett ..... Lieutenant
T. J. Coogan ..... Engineer
J. G. Balletto ..... Driver
Jos. Feldhaus ..... Stoker
H. Dieckmann ..... Hoseman
N. F. Munson ..... Hoseman
Wm. Siewert ..... Hoseman
J. J. Buckley ..... Hoseman
W. J. Spinetti ..... Hoseman
Jas. O'Connor ..... Hoseman

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ENGINE CO. NO. 28—301 Francisco Street.

S. E. Kennard .....Captain
J. E. Owens .....Lieutenant
J. Pendergast .....Engineer
J. A. Loretto .....Driver
Edw. Fox .....Stoker
W. J. Glennon .....Hoseman
T. J. Shea .....Hoseman
G. M. Schneider .....Hoseman
Geo. Clancy .....Hoseman
Fred. Brown.....Hoseman
J. A. Riddell .....Hoseman

ENGINE CO. NO. 29—1305 Bryant Street.

J. J. Conroy .....Captain
A. Phelan .....Lieutenant
F. F. Orr .....Engineer
H. H. Walsh .....Driver
G. L. Trapp .....Stoker
J. H. Collins.....Hoseman
B. McDermott .....Hoseman
J. F. Callaghan .....Hoseman
J. F. McCarthy.....Hoseman
R. H. McDevitt .....Hoseman
J. H. O'Brien .....Hoseman

ENGINE CO. NO. 30—1757 Waller Street.

D. R. Sewell .....Captain
Thos. Collins .....Lieutenant
M. A. Morgan .....Engineer
Wm. Wiegner .....Driver
F. H. Morgan .....Stoker
A. J. Galli .....Hoseman
J. H. Enright .....Hoseman
W. C. Pettersen .....Hoseman
J. F. Graham .....Hoseman
D. A. Murphy .....Hoseman
F. Ackenheil .....Hoseman

ENGINE CO. NO. 31—1088 Green Street.

J. J. Kelly .....Captain
J. E. Gavin .....Lieutenant
A. S. Robertson .....Engineer
D. Levy .....Driver
Jno. Courneen .....Stoker
Edw. King .....Hoseman
Geo. Davis .....Hoseman
Wm. Quinn .....Hoseman
R. McShane .....Hoseman
D. Coughlin .....Hoseman
Thos. Neylon .....Hoseman

ENGINE CO. NO. 32—Appleton Ave. and Holly Park Circle.

E. O'Connor .....Captain
Geo. Styles .....Lieutenant
T. J. Sheehan .....Engineer
Thos. Hart .....Driver
Jas. Reynolds .....Stoker
Jos. Morse .....Hoseman
J. L. Tickner .....Hoseman
G. L. Cuneo .....Hoseman
R. Jones .....Hoseman
J. J. Haffenger .....Hoseman
Edw. Ford .....Hoseman

ENGINE CO. NO. 33—117 Broad Street.

Wm. Muenter .....Captain
N. N. Mathewson .....Lieutenant
Jno. Douglas .....Engineer
Jno. Hartford .....Driver
D. F. Buckley .....Stoker
Jno. Finnigan .....Hoseman
Thos. Johnston .....Hoseman
Thos. Connors .....Hoseman
J. J. Casserly .....Hoseman
T. R. Walsh .....Hoseman
C. F. Cenlivre .....Hoseman

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ENGINE CO. NO. 34—1145 Ellis Street.

M. F. Hannan ..... Captain
Fred Woods ..... Lieutenant
J. C. Herlihy ..... Engineer
Geo. Dykes ..... Driver
Edw. Hackett ..... Stoker
Wm. Hanton ..... Hoseman
F. X. Hennessey ..... Hoseman
H. J. Gannon ..... Hoseman
C. C. Sullivan ..... Hoseman
Jos. H. Miller ..... Hoseman
A. Cleaver ..... Hoseman

ENGINE CO. NO. 35—38 Bluxome Street.

M. Drury ..... Captain
H. Speckman ..... Lieutenant
W. J. Brady ..... Engineer
W. J. Tobin ..... Driver
G. A. Reed ..... Stoker
T. H. Gaffney ..... Hoseman
L. C. Heriot ..... Hoseman
J. J. Tomalty ..... Hoseman
W. D. Carey ..... Hoseman
Jno. Breen ..... Hoseman
J. H. Elrod ..... Hoseman

ENGINE CO. NO. 36—551 26th Avenue.

J. H. Dever ..... Captain
W. Boynton ..... Lieutenant
H. J. Temple ..... Engineer
Wm. J. Hensley ..... Driver
J. P. Fitzgerald ..... Stoker
L. Ballantine ..... Hoseman
A. G. Searcy ..... Hoseman
D. McAuliffe ..... Hoseman
Chas. Neil ..... Hoseman
A. Gouvi ..... Hoseman
A. Goddard ..... Hoseman

ENGINE CO. NO. 37—1380 Utah Street.

P. F. Dugan ..... Captain
E. R. Doherty ..... Lieutenant
Wm. Mullen ..... Engineer
Chas. B. Rogers ..... Driver
S. H. Simons ..... Stoker
J. G. Rogers ..... Hoseman
J. M. Grace ..... Hoseman
Thos. Finnigan ..... Hoseman
H. Loughran ..... Hoseman
J. B. Collett ..... Hoseman
M. J. Flaherty ..... Hoseman

ENGINE CO. NO. 38—San Jose and Ocean Avenues.

L. J. O'Neil ..... Captain
Jas. Walsh ..... Lieutenant
A. Reid ..... Engineer
Jos. McDonald ..... Driver
J. F. Coyne ..... Stoker
A. Bernston ..... Hoseman
D. A. O'Connell ..... Hoseman
T. Van Winsen ..... Hoseman
M. E. Wormuth ..... Hoseman
Jos. Cassidy ..... Hoseman
Jos. Woods ..... Hoseman

ENGINE CO. NO. 39—2136 Geary Street.

Geo. F. Brown ..... Captain
Frank Carew ..... Lieutenant
E. P. Brennan ..... Engineer
R. Sorensen ..... Driver
Wm. Byrne ..... Stoker
D. J. Britt ..... Hoseman
A. J. Conniff ..... Hoseman
Jas. V. McKenna ..... Hoseman
Thos. Muldoon ..... Hoseman
Jos. McGinn ..... Hoseman
Jas. A. O'Connell ..... Hoseman

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ENGINE CO. NO. 40—1249 Clayton Street.

Jno. Doherty	Captain	M. W. O'Connell	Hoseman
A. Matlock	Lieutenant	Wm. Hopkins	Hoseman
L. H. Barricks	Engineer	M. J. Muphy	Hoseman
J. P. Kenny	Driver	G. Hain	Hoseman
C. G. Buzzini	Stoker	J. W. Doherty	Hoseman
Thos. E. Sheehan	Hoseman		

ENGINE CO. NO. 41—1325 Leavenworth Street.

H. B. Mitchell	Captain	M. Hannon	Hoseman
Frank Murray	Lieutenant	L. H. Richards	Hoseman
Wm. F. Welch	Engineer	H. Mulligan	Hoseman
Edw. T. Smith	Driver	G. H. S. Peters	Hoseman
J. J. Callaghan	Stoker	F. J. Hughes	Hoseman
F. A. Shade	Hoseman		

ENGINE CO. NO. 42—2460 San Bruno Avenue.

Edw. Daunet	Captain	Thos. F. Bell	Hoseman
C. F. McTernan	Lieutenant	E. L. Nelson	Hoseman
E Mulligan	Engineer	J. J. Lovett	Hoseman
Jos. Wales	Driver	Wm. Freeland	Hoseman
Wm. Schiller	Stoker	M. C. Stewart	Hoseman
Jas. P. Lewis	Hoseman		

ENGINE CO. NO. 43—724 Brazil Street.

J. DeMeyer	Captain	P. Hogan	Hoseman
Edw. McGrorey	Lieutenant	M. F. Kearns	Hoseman
M. J. Cannon	Engineer	T. O'Connor	Hoseman
D. P. Cadigan	Driver	E. J. Durell	Hoseman
W. J. Marlow	Stoker	Jno. McLaughlin	Hoseman
Fred Winkler	Hoseman		

ENGINE CO. NO. 44—3816 22d Street.

Edw. Skelly	Captain	A. Jensen	Hoseman
P. Gallagher	Lieutenant	M. Dwyer	Hoseman
Jas. Ward	Engineer	H. Griffith	Hoseman
Jos. Nannery	Driver	Wm. F. Meyers	Hoseman
Jos. Paris	Stoker	A. J. Sullivan	Hoseman
Geo. Spellman	Hoseman		

ENGINE CO. NO. 45—1348 45th Avenue.

Jno. Bowlan	Captain	W. J. Harrington	Hoseman
Frank Murphy	Lieutenant	Fred Isbell	Hoseman
J. J. Brady	Engineer	F. J. Allen	Hoseman
Geo. Hellriegel	Driver	Jno. Fitzsimmons	Hoseman
Wm. H. Voll	Stoker	Wm. Wonderlich	Hoseman
H. J. Anderson	Hoseman		

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RELIEF ENGINE CO. 1.

D. R. Conniff	Captain	T. O'Brien	Hoseman
	Lieutenant	W. J. Mathison	Hoseman
	Engineer		Hoseman
R. J. Harris	Driver		Hoseman
J. S. Farley	Stoker		Hoseman
	Hoseman		

RELIEF ENGINE CO. 2.

Thos. Bulger	Captain		Hoseman
	Lieutenant	Jno. Sheehan	Hoseman
E. I. Church	Engineer	Geo. Knorp	
A. George	Driver	A. Girot	Hoseman
	Stoker		Hoseman
Thos. McLaughlin	Hoseman		

RELIEF ENGINE CO. 3.

	Captain		Hoseman
H. Rice	Lieutenant		Hoseman
	Engineer		Hoseman
	Driver		Hoseman
Jas. Handley	Stoker		Hoseman
	Hoseman		

RELIEF ENGINE CO. 4

	Captain		Stoker
M. J. O'Connell, Lieutenant			Hoseman
	Engineer		Hoseman
	Driver		

CHEMICAL CO. NO. 1—676 Howard Street.

I. Gurmendez	Captain	E. P. Reilly	Driver
Thos. Devine	Lieutenant	J. M. Brophy	Hoseman

CHEMICAL CO. NO. 2—1349 Post Street.

J. R. Mitchell	Captain	J. J. Mitchell	Driver
M. McLaughlin	Lieutenant	T. E. Johnson	Hoseman

CHEMICAL CO. NO. 3—460 Bush Street.

Wm. Farrell	Captain	S. Markowitz	Driver
J. Phillips	Lieutenant	Thos. F. McTernan	Hoseman

CHEMICAL CO. NO. 4—451 McAllister Street.

Jos. Capelli	Captain	Thos. McGovern	Driver
S. J. Spear	Lieutenant	R. Harrigan	Hoseman

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CHEMICAL CO. NO. 5—643 Broadway.

W. E. Gallatin .....Captain
T. J. Harrington .....Lieutenant
Edw. Dullea .....Driver
Wm. Newman .....Hoseman

CHEMICAL CO. NO. 6—1423 Pine Street.

Jno. Fitzpatrick .....Captain
Wm. Conniff .....Lieutenant
H. F. Hock .....Driver
Jos. Angelovich .....Hoseman

CHEMICAL CO. NO. 7—1524 20th Street.

P. Wralty .....Captain
Geo. F. Bury .....Lieutenant
Wm. J. Hart.....Driver
O. B. Ney .....Hoseman

CHEMICAL CO. NO. 8—720 Cliff Avenue.

Wm. Nicholson .....Captain
Jas. Landtbom .....Lieutenant
J. B. Cane .....Driver
R. Powers .....Hoseman

CHEMICAL CO. NO. 9—3160 16th Street.

W. J. O'Farrell .....Captain
Geo. F. Bunner .....Lieutenant
M. Barrett .....Driver
A. E. J. Meyer.....Hoseman

CHEMICAL CO. NO. 10—3767 Sacramento Street.

H. P. Powers .....Captain
J. L. Collins .....Lieutenant
Jos. P. Ryan .....Driver
Wm. Wedemeyer .....Hoseman

WATER TOWER CO. NO. 1—676 Howard Street.

F. W. Sayers .....Captain
Jas. Bridgewood .....Lieutenant
F. P. Bell .....Driver
F. J. Phipps .....Hoseman

WATER TOWER CO. NO. 2—356 7th Street.

Geo. Hartmann .....Captain
Jno. Avata .....Lieutenant
H. P. Baden .....Driver
J. A. Altamirano .....Hoseman

MONITOR BATTERY NO. 1—1423 Pine Street.

J. A. Mulally .....Driver

MONITOR BATTERY NO. 2—38 Bluxome Street.

P. Cunningham .....Driver

MONITOR BATTERY NO. 3—128 Jackson Street.

Jas. Flater .....Driver

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TRUCK CO. NO. 1—36 O'Farrell Street.

Fred Ellenberger	Captain	E. J. King	Truckman
P. J. Creeds	Lieutenant	E. J. Madden	Truckman
H. Wilson	Driver	R. S. Sheehan	Truckman
Edw. Lamb	Tillerman	J. J. Heffernan	Truckman
J. N. Dearing	Truckman	A. W. Krohn	Truckman
Jos. Canning	Truckman	F. J. Cunningham	Truckman

TRUCK CO NO. 2—643 Broadway.

Jno. Leahy	Captain	J. F. Lavaroni	Truckman
F. L. Smith	Lieutenant	R. J. Mohaupt	Truckman
Jos. Corwell	Driver	N. Perroni	Truckman
O. Valente	Tillerman	W. G. Strickland	Truckman
W. P. Shaughnessy	Truckman	Jos. Ciminello	Truckman
R W. Remey	Truckman	J. F. Edgar	Truckman

TRUCK CO. NO. 3—451 McAllister Street.

Jno. McGowan	Captain	C. O. Lark	Truckman
Geo. Lahusen	Lieutenant	A. F. Butterly	Truckman
Dan Farren	Driver	E. F. Moran	Truckman
J. F. Schou	Tillerman	W. D. McKinley	Truckman
T. D. Henneberry	Truckman	Wm. F. Fields	Truckman
J. H. Mullen	Truckman	Edw. McQuillen	Truckman

TRUCK CO. NO. 4—1648 Pacific Avenue.

Frank Nichols	Captain	C. J. Lutz	Truckman
Chas. J. Brennan	Lieutenant	Jno. Buker	Truckman
Wm. Shackleton	Driver	Jno. J. Mullally	Truckman
J. J. Eckelman	Tillerman	H. Donadieu	Truckman
P. Sullivan	Truckman	M. Higgins	Truckman
Wm. F. Gernandt	Truckman	Edw. Linderberg	Truckman

TRUCK CO. NO. 5—1849 Post Street.

Wm. F. Otto	Captain	D. J. Mahoney	Truckman
Edw. Kehoe	Lieutenant	Thomas Timmons	Truckman
Fred Meyer	Driver	Edw. A. Carter	Truckman
Wm. Serens	Tillerman	D. J. O'Donnell	Truckman
L. Carney	Truckman	Fred Von Soosten	Truckman
C. Maher	Truckman	Jno. Kilkenny	Truckman

TRUCK CO. NO. 6—1152 Oak Street.

Eugene Crowe	Captain	Leo. Morch	Truckman
Jno. F. Meacham	Lieutenant	Wm. H. Bohen	Truckman
J. P. Hayden	Driver	Henry Casey	Truckmen
M. Flanagan	Tillerman	Fred Franchi	Truckman
Geo. F. Logan	Truckman	J. A. Daly	Truckman
Jno. Gilbert	Truckman	Jno. Figueroa	Truckman

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TRUCK CO. NO. 7—3050 17th Street.

Wm. Carew	Captain	J. L. Vizzard	Truckman
Chas. Heggum	Lieutenant	Thos. Gilcrist	Truckman
Wm. H. Neifer	Driver	A. A. McCarte	Truckman
R. E. Dugan	Tillerman	Jno. A. Quinlan	Truckman
Thos. P. Malley	Truckman	Chas. E. Dougherty	Truckman
H. H. Braun	Truckman	Wm. O'Connor	Truckman

TRUCK CO. NO. 8—38 Bluxome Street.

Robert Wood	Captain	N. Cunningham	Truckman
Wm. J. Conroy	Lieutenant	A. T. Williams	Truckman
S. Nelson	Driver	Jos. F. Thompson	Truckman
J. H. Ellis	Tillerman	Wm. Glynn	Truckman
A. Farrow	Truckman	B. Dervin	Truckman
H. T. Glynn	Truckman	W. E. Frerichs	Truckman

TRUCK CO. NO. 9—1374 Utah St.

Wm. J. Bannan	Captain	G. Rooney	Truckman
C. Bownell	Lieutenant	Jno. O'Donnell	Truckman
R. Jones	Driver	Thos. Riley	Truckman
Chas. Maguire	Tillerman	Wm. Mullaney	Truckman
Edw. A. Keneally	Truckman	Jos. McNamara	Truckman
M. McKeon	Truckman	P. W. Lally	Truckman

TRUCK CO. NO. 10—3767 Sacramento Street.

T. B. Kentzell	Captain	F. Kruse	Truckman
R. E. Charleton	Lieutenant	Jas. Ledden	Truckman
F. Josephs	Driver	Geo. Stolzenwald	Truckman
F. Casassa	Tillerman	Jno. W. Johnson	Truckman
F. Jordan	Truckman	D. O'Rourke	Truckman
D. MacDonald	Truckman	Fred Bowlan	Truckman

TRUCK CO. NO. 11—315 Duncan Street.

Wm. Schultz	Captain	H. Newman	Truckman
D. J. O'Connell	Lieutenant	V. P. Cradock	Truckman
Jno. Scannell	Driver	F. O'Malley	Truckman
Jno. J. Pyne	Tillerman	Geo. T. Crewe	Truckman
A. Gilligan	Truckman	Chas. M. White	Truckman
E. F. Barnes	Truckman	Jno. Flaherty	Truckman

TRUCK COMPANY NO. 12—1757 Waller Street.

Jno. J. Kenney	Captain	Jas. R. Doherty	Truckman
Frank McCluskey	Lieutenant	Jas. Driscoll	Truckman
Chas. Vocke	Driver	Frank Lottritz	Truckman
Wm. Nichols	Tillerman	T. F. Keohane	Truckman
Chas Tyson	Truckman	E. P. Manning	Truckman
Leo M. Castillo	Truckman	G. C. Rosehorn	Truckman

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FIRE BOAT CO. NO. 1—Foot of Harrison Street.

Wm. Danahy ..... Captain
Frank Miskel ..... Lieutenant
John Ferem ..... Pilot
Matt C. Johnson ..... Pilot
Thos. Carrick ..... Engineer
Thos. Daly ..... Engineer
H. O'Rourke ..... Fireman
L. A. Strand ..... Fireman
D. J. Garside ..... Fireman
E. L. Osberg ..... Hoseman
A. J. Landtbom ..... Hoseman
H. Carter ..... Hoseman
J. W. Needham ..... Hoseman
H. J. Gegory ..... Hoseman
O. Ellingsen ..... Hoseman
Wm. Lefevre ..... Hoseman
E. W. Carroll ..... Hoseman
J. D. Fraser ..... Hoseman
F. H. Kenny ..... Hoseman
J. F. Kearney ..... Hoseman
R. Schubert ..... Hoseman

FIRE BOAT CO. NO. 2—Foot of Lombard Street.

August Engelke ..... Captain
Edw. J. Sheddy ..... Lieutenant
Jno. G. Trapp ..... Pilot
..... Pilot
L. F. Kenny ..... Engineer
Jas. Ward ..... Engineer
P. Cushley ..... Fireman
E. Sheetz ..... Fireman
P. Minehan ..... Fireman
Geo. A. O'Reilly ..... Hoseman
F. Carlson ..... Hoseman
Jos. Viner ..... Hoseman
C. J. Ryan ..... Hoseman
G. F. Shaefer ..... Hoseman
J. A. Dahlman ..... Hoseman
Jno. Howard ..... Hoseman
Theo. Sutter ..... Hoseman
F. E. Mullane ..... Hoseman
Wm. A. Dunning ..... Hoseman
M. J. Dalton ..... Hoseman
G. H. Murray ..... Hoseman

FIRE BOAT CO. NO. 3.

A. J. Barrett ..... Engineer
Jos. Moreno ..... Hoseman
James Reilly ..... Fireman

FIRE BOAT CO. NO. 4.

Jno. Keenan ..... Engineer

CORPORATION YARD, 313-363 Francisco Street.

Samuel Bermingham.... Supt. of Engines
Jas. Burns ..... Drayman
B. J. Sylver ..... Drayman
Jas. Burke ..... Drayman
B. E. Davis ..... Watchman
H. Iberg ..... Watchman
J. F. Regan ..... Watchman
D. J. Byrnes ..... Watchman
Wm. H. Brown ..... Machinist
Jno. J. Moholy ..... Machinist
J. J. Beatty ..... Machinist
Thos. Walsh ..... Machinist
Wm. P. Delany ..... Machinist
G. D. Harper ..... Patternmaker
J. Charcho ..... Blacksmith
J. W. Rafferty ..... Blacksmith
Frank Quinn ..... Blacksmith's Helper
J. Carroll ..... Blacksmith's Helper
R. Cole ..... Blacksmith's Finisher
Jas. J. Kenney ..... Steamfitter
L. A. Donovan ..... Woodworker
J. A. Holland ..... Woodworker
Thos. Buckley ..... Harnessmaker
J. Karney ..... Harnessmaker
D. A. Ahern ..... Harnessmaker
E. C. Laws ..... Harnessmaker
Jno. A. Wynn ..... Hydrantman
T. J. Gallagher ..... Hydrantman
P. Brady ..... Hydrantman
F. J. Dillon ..... Hydrantman
A. T. Wynn ..... Hydrantman
Geo. Harris ..... Boilermaker

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D. O'Neil .....Blacksmith
E. B. Williams .....Blacksmith
Jno. McGlennon .....Blacksmith
D. Dewar .....Blacksmith
W. Flanagan .....Blacksmith's Helper
J. N. Hurley .....Blacksmith's Helper
J. F. Coughlin .....Blacksmith's Helper
Chas. Gavigan ....Blacksmith's Helper
J. J. Kane .....Boilermaker
Chas. Healey .....Carriage Painter
D. McKibben .....Carriage Painter
Chas. Bradley .....Carriage Painter
H. Sterling .....Carriage Painter
Jas. Doherty .....Carriage Painter
E. F. Murray .....Helper
Jos. Sawyer .....Watchman

DEPARTMENT STABLES—534 Tenth Street.

R. J. Harris.....Supt. of Horses
Wm. F. Egan.....Veterinary Surgeon
P. Dougherty .....Hostler
P. McKenna .....Hostler
H. Peterson .....Hostler
A. H. Barhs .....Hostler
P. Whelan .....Hostler
J. J. Bunner .....Hostler
Gus. Rapp .....Hostler
P. O'Connell .....Hostler
A. T. Rapp .....Hostler
W. Miller .....Hostler

FIRE COMMISSIONERS' OFFICE.

Hugh Lagan.....Physician and Surgeon
A. McA. Conley .....
..... Typewriter-Stenographer

PUMPING STATION NO. 1.

Geo. Comstock .....Chief Engineer
C. H. Durham.....
.....First Asst. Chief Engineer
R. Johnson .....
.....Second Asst. Chief Engineer
Jno. Sisk .....Fireman
Jas. Evans .....Fireman
C. W. Plitsch .....Fireman
M. Murphy .....Foreman Gateman

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RULES AND REGULATIONS GOVERNING THE SAN FRANCISCO FIRE DEPARTMENT.

RULE 1.

Section 1. The office of the Board of Fire Commissioners shall be the headquarters of the San Francisco Fire Department. Office hours for the transaction of business shall be from 8:30 o'clock a. m. to 5 o'clock p. m. (Sundays and legal holidays excepted.)

Sec. 2. The Secretary of the Board of Fire Commissioners shall be in attendance at said office of the Board during office hours when not elsewhere engaged in the business of the department. He shall keep a true record of all official actions of the Board, and shall also keep and be held responsible for the accuracy of the book accounts of the department. He shall devise, with the approval of the Board, such methods for checking the receipts of material, supplies, etc., as will insure absolute accuracy in the compliance with contracts or agreements of purchase. He shall have the custody of and preserve all records, books, documents and papers belonging to the department, and shall do and perform such other duties as may be required of him by the Board of Fire Commissioners.

Sec. 3. The office of the Chief Engineer shall be at the headquarters of the department, where he shall be in attendance during office hours when not otherwise engaged in the business of the department.

RULE 2.

Section 1. The department shall be divided into Battalions, each of which shall be under the immediate supervision of an Assistant or a Battalion Chief, with headquarters in their respective districts.

Sec. 2. There shall be two general divisions of the department, comprising the Battalions. One of which said divisions shall be under the immediate supervision of the First Assistant Chief Engineer, and the other under the Second Assistant Chief Engineer, and shall be designated as General Division Nos. 1 and 2, respectively.

Sec. 3. The assignment of the First and Second Assistant Chief Engineers to Divisions, and of Battalion Chiefs to Battalions shall be made by the Board of Fire Commissioners upon the recommendation of the Chief Engineer, and such assignments may be changed from time to time.

RULE 3—THE CHIEF ENGINEER.

Section 1. The Chief Engineer shall be the Chief Executive Officer of the Fire Department, and shall have general supervision over all officers, members and employees thereof. He shall also have and exercise supreme command at all fires over the officers, members and employees, and over all the apparatus and appurtenances belonging to the Department.

Sec. 2. He shall take all measures which he may deem expedient for the extinguishment of fires and the protection of property and saving of life, and shall see that all laws and ordinances of the City and County and all orders and rules and regulations concerning the Fire Department are enforced.

Sec. 3. He shall cause to be kept in the office of Board of Fire Commissioners a complete record or file of all complaints against members, employees,

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etc., and may suspend any subordinate officer, member or employee of the department for incompetency or for any violation of the rules and regulations of the department, and shall report in writing to the Board, at its next regular meeting, such suspension and the reason therefor.

Sec. 4. He shall diligently observe the condition of the men and apparatus and general condition of the department, and report in writing thereon at least once a month, or whenever required to do so, to the Board, and make such recommendations and suggestions respecting the same as he may deem proper.

Sec. 5. He shall see that proper discipline is maintained by the officers and men, and shall report to the Commissioners, any officer, member or employee of the Department who, by reason of age, disease, accident, incompetency, insubordination or other cause, cannot or does not fully, energetically, promptly and properly perform his duties in the Department.

Sec. 6. He shall make, subject to approval of the Board of Fire Commissioners, such assignments or details of the officers, members and employees of the department as he may deem necessary and proper.

Sec. 7. He shall also perform such other duties as the Commissioners may direct.

RULE 4—FIRST ASSISTANT CHIEF ENGINEER.

Section 1. The First Assistant Chief Engineer shall rank next to the Chief Engineer, and shall attend all fires to which he is assigned, and such other fires as he may be assigned or summoned to by the Chief, and, in the absence or inability to act of the Chief Engineer, shall have and exercise the duties and powers of that officer.

Sec. 2. He shall see that good order and proper discipline is maintained among the members of the Department, and that all laws and ordinances of the City and County, pertaining to and all orders, rules and regulations of the Department, are enforced.

Sec. 3. He shall inspect the uniforms of all officers, and require strict compliance with the specifications therefor hereinafter given.

Sec. 4. He shall also perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 5—SECOND ASSISTANT CHIEF ENGINEER.

Section 1. The Second Assistant Chief Engineer shall rank next to the First Assistant Chief Engineer, and shall attend all fires to which he is assigned, and such other fires as he may be assigned or summoned to by the Chief or First Assistant Chief Engineer, and in the absence or inability to act of the Chief or First Assistant Chief Engineer, shall have and exercise the duties and powers of the First Assistant Chief Engineer.

Sec. 2. He shall see that good order and discipline is maintained by the members of the Department in his Division; that all laws and ordinances of the City and County, pertaining to and all orders, rules and regulations of the Department, are enforced.

Sec. 3. He shall examine all buildings in the District to which he is assigned and report to the Chief Engineer concerning the same.

Sec. 4. He shall forthwith report in writing to the Board of Fire Wardens all buildings or structures that are found to be in a dangerous, defective or unsafe condition, and said Board shall, through its Secretary, report the same to the Board of Public Works and keep a record thereof in a book used for that purpose.

Sec. 5. He shall also perform such other duties as the Commissioners or Chief Engineer may direct.

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RULE 6—CHIEFS OF BATTALIONS.

Section 1. The Chiefs of Battalions shall respond to all alarms of fire to which they are assigned, and on arriving thereat shall immediately report to the commanding officer in charge of the fire.

Sec. 2. In the absence of the Chief Engineer or Assistant Chief Engineers at fires, the command of the force will devolve upon the Chief of Battalion who first arrives, and he shall remain in charge until the arrival of a superior officer.

Sec. 3. They shall visit each alternate day each company house under their charge, inspect its condition, and see that the horses, apparatus, hose and equipments are in proper condition for efficient service. They shall obtain a written report concerning the same from the captain of each company, and upon returning to headquarters prepare and forward to the Chief Engineer a written report of the result of such visit and inspection.

Sec. 4. They shall examine all buildings in the district to which they are assigned, and report to the Chief Engineer concerning the same.

Sec. 5. They shall forthwith report in writing to the Board of Fire Wardens all buildings or structures that are found to be in a dangerous, defective or unsafe condition, and said Board shall, through its Secretary, report the same to the Board of Public Works and keep a record thereof in a book used for that purpose.

Sec. 6. They shall be held responsible for the discipline of all companies under their respective commands, and shall enforce all laws and ordinances of the City and County pertaining to the Fire Department, and a strict compliance with all orders, rules and regulations of the Department, and report promptly to the Chief Engineer every infraction thereof.

Sec. 7. They shall report promptly to the Chief Engineer any accident or other circumstance calling for prompt attention.

Sec. 8. They shall inspect the uniforms of the officers and men under their supervision before they are worn, and reject all not in conformity with the specifications hereinafter given.

Sec. 9. They shall be constantly on duty at their respective headquarters, except when necessarily engaged elsewhere on Department business, and shall not leave their districts except in case of fire or by permission of the Chief Engineer.

Sec. 10. They shall also perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 7—THE BOARD OF CHIEFS.

Section 1. The Chief Engineer, the Assistant Chief Engineers and the Battalion Chiefs of the Department shall compose the Board of Chiefs.

Sec. 2. The Chief of the Department shall be ex-officio chairman of the Board, and one of its members shall be elected secretary, whose duty it shall be to make and keep a proper record of all proceedings of the Board.

Sec. 3. The Board shall hold meetings once a month, and at such time and such place as the chairman of the Board may designate.

Sec. 4. The Board of Chiefs shall consider the interests of the Fire Department as to its personnel, discipline, occupation of the men while in their company houses, location of houses and the apparatus to be kept or placed therein, the character of the apparatus, hose, nozzles, etc., noting those giving best use and satisfaction, and all other matters relating to the development and perfecting of the Department, to the end that it may reach the highest efficiency.

Sec. 5. The Board of Chiefs shall transmit to the Board of Fire Commissioners such recommendations as they may agree upon from time to time.

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RULE 8—CAPTAINS.

Section 1. Captains shall have and exercise command over their respective companies, and shall be responsible for the discipline and condition thereof, and shall see that the houses under their control, and everything pertaining thereto, horses, harness, apparatus and equipment, are at all times kept in proper order.

Sec. 2. They shall enforce a strict compliance with the rules and regulations of the Department and the orders of the Chief Engineer, and report to their Battalion Chiefs any infraction thereof.

Sec. 3. The Captain of each company shall keep three books, to be designated as follows:

(a) The Property Book, (b) The Supply Book—these two may be combined in one—(c) The Journal.

Sec. 4. In the Property Book shall be entered a complete list of all the property in the company house under his control, furniture, horses, apparatus, hose, tools, etc., as it is received by him from time to time, and such as may become useless or destroyed, or that may be returned to the corporation yards, stables, shops, or the persons or firms from whom purchased. On December 31st of each year the Captain shall report in full in writing to the Commission all the property in his charge belonging to the Department.

Sec. 5. In the Supply Book shall be kept an accurate memorandum of all perishable supplies received, such as forage, fuel, etc., the date of receipt, the name of the party from whom received, and the quality of such supplies. A receipt shall be given in every case for supplies received and a written statement thereof forwarded to the Commissioners monthly.

Sec. 6. In the Journal shall be entered a brief history of each day's happenings.

(a) Particulars of all alarms responded to.
(b) Accidents to men, horses or apparatus.
(c) Special duty performed by officers or men or company.
(d) Delinquencies and insubordination.
(e) Orders received, how and from whom received.
(f) Unusual occurrences.

Sec. 7. They shall also keep a scrap book, in which shall be pasted copies of all amendments to the rules and regulations of the Department, and all general and special orders and instructions issued by the Board of Fire Commissioners and the Chief Engineer.

Sec. 8. They shall, with their companies, respond promptly to alarms of fire according to directions issued from time to time by the Chief Engineer, and upon their arrival at a fire immediately report to the officer in command; or if first to arrive, assume and exercise command until the arrival of a superior officer, and if deemed necessary, shall order a second alarm before the arrival of a superior officer. The apparatus shall, immmediately upon arrival at a fire, be placed in position for service.

Sec. 9. They shall justly apportion, among all the members of the different companies under their respective commands, the work required about their company quarters.

Sec. 10. They shall politely receive visitors and answer all proper questions civilly, explaining when requested to do so, the apparatus, alarms, etc., but shall not allow habitual lounging or visiting in or about quarters, nor shall they permit children therein unless accompanied by parents or attendants.

Sec. 11. They shall see that all the required work about their quarters is completed by 10 o'clock a. m. sharp, and that everything is in readiness for the daily inspection at that hour, at which all members of the company will

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appear in uniform, except in case of a working fire after 12 o'clock during the previous night.

Sec. 12. After inspection they shall make out, and deliver to the Battalion Chief on each alternate day, a report of the condition of the house, horses, apparatus, hose, and other equipments of their respective companies.

Sec. 13. They shall make such disposition of the men under their command as will enable them to attend their respective places of worship every Sunday, if possible, but at least once on every alternate Sunday, or other day of the week, which the man or men are accustomed to recognize as the day of public worship. Such "offs" will be so arranged as not to impair the service, and members availing themselves of this privilege will be required to attend said places of worship in uniform.

Sec. 14. They shall report to their Battalion Chiefs without delay all accidents resulting in injury, loss of life or damage to property, together with the names and addresses of all available witnesses thereto, whether happening to members of the Department or its apparatus or horses or to the persons of citizens or their property, in connection with the operation of this Department.

Sec. 15. They shall promptly report in writing to their Battalion Chiefs every breach of discipline or violation of the rules and regulations of the Department.

Sec. 16. They shall see that the wheels are taken off the different pieces of apparatus and vehicles that may be under their charge and control at least once in every week, and that the axles and wheel boxes are carefully inspected and the condition thereof noted in the house journal of that day.

Sec. 17. They shall also carefully instruct the members of their companies as to the rules and regulations relating to responding to alarms of fire and the changing of locations, as are set forth in the Assignment Book, and see that the same are strictly observed, and it shall also be their duty to see that the men are thoroughly familiar with the "pegging-up" of companies on the record board.

Sec. 18. Captains or Acting Captains of Companies shall at the end of each day sever the tape connected with the register in their respective houses on which alarms of fire are registered, thoroughly familiarize themselves with each box registered thereon, and then safely keep and store the same away in some convenient place for at least one week. Whenever there is anything wrong with the tapper, gong or register, or anything in connection therewith, they shall immediately report the same to the Fire Alarm Office.

Sec. 19. On returning to quarters from an alarm of fire, before allowing the fire to be pulled from their respective engines, and before entering the house with the apparatus, they shall ascertain from the register if any alarm has been sent in during their absence. Captains of Trucks, Chemicals and Water Tower Companies shall do likewise.

Sec. 19½. They shall devote one-half hour of one day in each alternative week to reading and explaining to the members of their respective companies the rules and regulations of the department pertaining to the duties of the men, etc., as well as to reading all written orders that may be issued by the Board of Fire Commissioners or the Chief Engineer, allowing one-half of said time to the reading of the rules and the remainder to the reading of orders.

Sec. 20. They shall perform such other duties as may be required of them by their superior officers and the rules and regulations of the Department.

RULE 9—LIEUTENANTS.

Section 1. Lieutenants shall respond to all alarms of fire prescribed for their company and promptly and cheerfully obey the orders of the Captain and

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assist him in the performance of his duties, and shall also perform the duties required of hosemen or truckmen, as the case may be, and such other duties as may be required of them by their superior officers and by the rules and regulations of the Department.

Sec. 2. Lieutenants shall, in the absence of the Captain, perform his duties and exercise the authority of said officer.

RULE 10—ENGINEERS.

Section 1. Engineers shall, under their commanding officer, have the care and management of their engine, and shall be held responsible for its condition. They shall see that it is kept clean, in good order, and ready for immediate service at all times.

Sec. 2. Engineers who respond to boxes along the water front will each day ascertain from the daily papers the condition of the tide, and note the time of high and low water on the blackboard for immediate reference in event of fire.

Sec. 3. When additional fuel is required at a fire the stoker or driver of the company shall be sent to the nearest engine house for a fresh supply. The Engineer's orders in such cases shall be obeyed by the stoker or driver.

Sec. 4. Where engines have been disconnected from the heaters long enough to allow the water in the boilers to become cool, Engineers shall light the fire under the boiler and keep the water at least at scalding heat.

Sec. 5. All Engineers must have their apparatus in good order before a relief Engineer may take charge. A thorough examination by both Engineers must be made immediately before the relief Engineer receipts to the Engineer reporting off. Such receipt must be given at once to the Captain of the company, and by him turned over to the Battalion Chief.

Sec. 6. The fires of engines shall not be dumped upon pavements of bituminous rock or asphaltum.

Sec. 7. On receiving a relief or other engine in place of their own, Engineers shall immediately prepare said engine for fire service by relaying fire, changing tools, filling boiler, and heating same, and shall otherwise see that the said apparatus is in perfect order for fire duty. They shall also retain possession of their own engine, if the same is fit for service, until the relief engine is prepared to roll.

Sec. 8. They shall open and close by hand the snap valves connecting the engine with the heater at least once every twenty-four hours; see that the stems are well lubricated and springs properly adjusted, so as to insure their closing when the engine leaves its position. Slip-joints shall be removed from floor stuffing-boxes and cleansed and oiled daily. They shall also see that the snap-valves are closed every time the engine pulls away from the heater connections.

Sec. 9. They shall test the working qualities of their respective engines twice monthly, under the same pressure allowed at fires. When draughting with pumps is not convenient, Engineers will take the nearest hydrant to quarters, generate the regulation amount of steam; run water pressure up to 120 pounds by partially closing the discharge gate (if by leaving it open and playing a full stream the street and surrounding property would be damaged); leading off sufficient hose to reach the nearest cesspool. Engineers shall report the result of such monthly tests, in writing, to the Superintendent of Engines upon his visit after each said test.

Sec. 10. They shall thoroughly cleanse their boilers once every fourteen days by removing all plugs from around the bottom of the boiler, using bent pipe, which will be furnished upon requisition. Such cleansing must be done immediately after return from exercising horses. After washing out boiler they shall connect the same to heater pipes and fill from that source, making use of

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the hot water in the heater and boiler where there is one in use. Heaters shall also be emptied and cleansed every fourteen days, but not upon the same day that boilers are cleansed. When an engine has been working an hour or more, the same precautions shall be observed as on regular boiler cleaning days, and the same noted in daily report, together with such other remarks on the condition of the boiler as may be deemed proper.

Sec. 11. They shall carefully examine their shut-off nozzles after every fire or drill at which said nozzles are used; see that all parts are lubricated, and weekly attach nozzles to nearest hydrant; open and close same, and see that all parts are in working order.

Sec. 12. They shall inform their Captain whenever their engine may need any material or repairs.

Sec. 13. They shall at no time change or alter the position of the locking device on the pop valves or safety valves of their engines, regulating the steam pressure at which the same will blow off, and they shall at all times, while their engines are working at a fire, carry a water pressure of one hundred and twenty (120) pounds, except when ordered to carry a higher or lower pressure by the officer in command at such fire.

Sec. 14. They shall have their apparatus clean and ready for inspection daily at 10 o'clock a. m., except in case of a working fire after 12 o'clock during the previous night.

Sec. 15. Whatever work is done on apparatus other than cleaning must be fully noted in the company journal.

Sec. 16. They shall carefully instruct the other members of their respective companies, who may be in charge of the engine, heater, etc., during their watches, as to the proper care of the same, and shall report to the Captain any neglect or violation of the rules in regard to the care of engine, heater, etc., which they may find to have occurred during said watches.

Sec. 17. They shall remove and relay the fire in the fire-box immediately upon the return of the engine to quarters after exercising, and also upon the return to quarters after the apparatus has traveled one-half mile or more without having ignited fire.

Sec. 18. There shall be in each Engine Company at least one member thereof who must be competent to take charge of the engine, and whose duty it shall be to act as Engineer and perform the required duties thereof in the absence of the regular Engineer. When not acting as Engineer he shall, in responding to alarms of fire ride on the rear step of the hose wagon and make connection of hose line to engine or hydrant and also assist the Engineer to connect to hydrant by taking cap from hydrant, chocking wheels, and assisting otherwise to put engine to work. He shall then assume the duties of Hoseman.

Sec. 19. They shall perform such other duties as may be required of them by their superior officers and the rules and regulations of the Department.

RULE 11—DRIVERS.

Section 1. Drivers shall take proper care of their horses; exercise the greatest caution in their care and management; keep the stalls clean, and see that everything pertaining to their department is in perfect order and in readiness for immediate service.

Sec. 2. They shall not run their horses while responding to or returning from alarms of fire, nor shall they pass other apparatus of the Department, unless such apparatus or horses be disabled (except that drivers of Chemicals may pass other apparatus except Chemicals, if the same can be done with safety), but all proper dispatch consistent with safety must be used in responding to alarms of fire.

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Sec. 3. They must, on all occasions, securely strap themselves to the seat of their apparatus immediately upon mounting the same.

Sec. 4. Drivers of Monitor Batteries, upon returning to quarters from an alarm of fire, shall ascertain from the register if any alarm has been sent in during their absence, before entering the house with the apparatus.

Sec. 5. Drivers of Chemical Engines are expected to get their apparatus to a fire at the earliest possible moment, and in so doing shall drive at as rapid a gait as is consistent with the safety of the public and the apparatus. Chemical Companies may pass other companies, except other Chemical Companies, when it can be done with safety.

Sec 6. In returning from a fire all driving shall be at a moderate rate of speed.

Sec. 7. They shall exercise their horses one hour each day when the horses have not performed any work after 1 o'clock a. m.

Sec. 8. Drivers of hill companies when responding to alarms that take their apparatus off the hills shall be careful to slow up as much as possible at crossings and look up and down each street, so as to avoid passing the fire.

Sec. 9. They will see that bells or gongs are rung at short intervals when proceeding to a fire.

Sec. 10. Drivers of engines shall not pass a fire to take a hydrant, unless by so doing they can obtain a closer position to the fire without shutting out another company that may be seen coming from another direction.

Sec. 11. Drivers of trucks, chemicals, towers and batteries shall not stop their apparatus in front of a hydrant.

Sec. 12. They shall not drive their apparatus over hose except when absolutely necessary.

Sec. 13. Drivers of Engine Companies shall, while said companies are in service at a fire, take proper care of all the horses and the hose wagon, and shall also, when necessary, assist the Engineer in firing his engine.

Sec. 14. They shall perform such other duties as are required by their superior officers and the rules and regulations of the Department.

RULE 12—STOKERS.

Section 1. The duties herein imposed upon Drivers shall, as far as practicable, apply to Stokers.

Sec. 2. They shall always, in response to alarms of fire, precede the engine with the hose wagon, unless otherwise ordered.

Sec. 3. They shall, after having led into a fire, tie up their horses in some position close to the engine, turn the care of horses and wagon over to the Driver, and immediately assume the duties of a Hoseman.

Sec. 4. They shall perform such other duties as are required by their superior officers and the rules and regulations of the Department.

RULE 13—HOSEMEN AND TRUCKMEN.

Section 1. Hosemen and Truckmen shall respond to all alarms of fire prescribed for their respective companies, and in every case they shall conform to and promptly and cheerfully obey all rules and regulations of the Department, and perform such other duties in connection with the Department as their superior officers may require of them.

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RULE 14—TILLERMEN.

Section 1. Tillermen shall be at the tiller in going to and returning from fires, and upon all other occasions when their services in that capacity are required.

Sec. 2. They shall also perform such other duties as are required by their superior officers and by the rules and regulations of the Department.

RULE 15—CHEMICAL ENGINE, WATER TOWER AND MONITOR BATTERY COMPANIES.

Section 1. Officers and members of Chemical Engine, Water Tower and Monitor Battery Companies shall be subject to the same rules governing other officers and members of the Department, as far as applicable, and shall perform such other duties as may be required of them by their superior officers and the rules and regulations of the Department.

Sec. 2. Drivers of Monitor Batteries shall be under the supervision and subject to the orders of the Captain of the company in whose quarters they may be located.

RULE 16—HOUSES AND HOUSE WATCH.

Section 1. The house should be kept at an even temperature of about 60 degrees; thorough ventilation must be maintained in order that a good supply of pure air may be secured with as little draught as possible.

Sec. 2. Houses must be washed twice a month, weather permitting. The use of chloride of lime or any like substance on the floors of the houses is prohibited, except on stall floors.

Sec. 3. Members receiving forage, fuel, etc., will only receipt for the actual amounts received by them. Coal, 2,240 pounds to the ton; wood, per cord, 4x4x8 —128 cubic feet; feed, per 100 pounds or fraction thereof.

Sec. 4. Engineers will carefully instruct their assistants in the engine house in the care and management of the apparatus, heater, syphon, etc., while in quarters; the house watchman being held personally and solely responsible for said apparatus after having assumed charge of the floor.

Sec. 5. A continuous watch shall be maintained in the apparatus rooms of all company houses of the department during the whole twenty-four hours of the day. The hours of the different watches shall be as follows: First watch, six a. m. to six p. m.; second watch, six p. m. to ten p. m.; third watch, ten p. m. to two a. m.; fourth watch, two a. m. to six a. m. The men to stand the different watches shall be designated in turn by the Captain of each company, unless otherwise provided, and no man shall be called upon to stand more than one night watch in twenty-four hours. The Captain of each engine and truck company shall also designate one man in turn who has had no watch during the preceding night and who shall be called at five o'clock a. m. to assist the watchman in taking up bedding and feeding horses. The man on watch shall be designated as house watchman, unless otherwise provided.

Sec. 6. (a) In all engine and truck companies there shall be two men on the first watch and one man on each of the other watches, unless otherwise provided. There shall be no change from this rule where an engine and truck company occupy the same house.

(b) In chemical companies or water tower companies occupying the same house with an engine or truck company, there shall be one man on the first

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watch and one man on the second watch, but no later watch shall be maintained; provided, however, that the hoseman of such chemical or water tower company, when not acting as lieutenant or driver, shall take his turn on late watches in common with the members of the other company occupying the house.

(c) In chemical or water tower companies occupying houses alone there shall be one man on each of the watches.

(d) Where a chemical and water tower company occupy the same house there shall be one man on each of the four watches, the same as if each company was alone, and the crews of the respective companies shall have charge of the house alternately every twenty-four hours. During vacations and regular days off men shall be detailed from other companies in order to keep four men on duty at all times with chemical and water tower companies occupying houses alone.

Sec. 7. (a) In all engine and truck companies, and in chemical or water tower companies occupying the same house with an engine or truck company the captain shall stand no watch, but shall remain in general supervision of the apparatus floor at all times between the hours of six o'clock a. m. and six o'clock p. m., unless called away on other duties, in which case the Lieutenant shall remain in supervision until the Captain's return.

(b) Captains of chemicals or water tower companies occupying quarters alone shall stand a regular watch.

(c) No substitute shall be qualified or allowed to stand a night watch alone in any company unless he has previously worked in that particular company for at least fifteen days and is known by the captain of that company to thoroughly understand the rules applying to the duties of house watchman, and to be otherwise reliable and competent. When a substitute who is not so qualified is required to stand a night watch, said watch shall consist of two men, one of whom must be a regular member. These rules shall apply to all companies except chemical and water tower companies occupying houses alone, in which companies the previous time worked need not be considered, provided that the substitute is known by the Captain to be otherwise qualified.

(d) Captains of chemical and water tower companies occupying houses alone must endeavor at all times to secure substitutes who are qualified as provided. If such qualified substitutes are not available said Captains must request their Chief of Battalion to detail a man from some other company, sending the unqualified substitute to said other company.

(e) In engine companies where only seven men are on duty, if there are two unqualified substitutes on duty in place of regular members, if necessary, the Captain shall take the watch from six to ten p. m., and the Lieutenant shall take the watch from ten p. m. to two a. m. in order to have a regular member in charge of each watch.

Sec. 8. The regular house watches in each company of the department shall be constituted as follows:

Engine Companies—

Engineer and Driver	6 a. m. to 6 p. m.
Lieutenant	6 p. m. to 10 p. m.
One man	10 p. m. to 2 a. m.
One man	2 a. m. to 6 a. m.

In all engine companies during the watch from 6 o'clock a. m. to 6 p. m. the engineer shall be designated house watchman and the driver shall be designated assistant house watchman.

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Truck Companies—

Tillerman and Driver	6 a. m. to 6 p. m.
Lieutenant	6 p. m. to 10 p. m.
One man	10 p. m. to 2 a. m.
One man	2 a. m. to 6 a. m.

In all truck companies during the watch from 6 o'clock a. m. to 6 o'clock p. m. the tillerman shall be designated house watchman and the driver shall be designated assistant house watchman.

Chemical or Water Tower Companies—

(When occupying the same house with an engine or truck company.)

Driver	6 a. m. to 6 p. m.
Lieutenant	6 p. m. to 10 p. m.

Chemical or Water Tower Companies—

(In houses alone.)

Driver	6 a. m. to 6 p. m.
Captain	6 p. m. to 10 p. m.
Lieutenant	10 p. m. to 2 a. m.
Hoseman	2 a. m. to 6 a. m.

During the absence of the engineer, driver or tillerman of any company at meals the relief engineer, relief driver or relief tillerman, as the case may be, shall assume their respective duties on watch on the apparatus floor.

Sec. 9. In no case shall the men on watch or either of them leave their post of duty on the apparatus floor until relieved, except in case of fire. In the event of failure on the part of their successors to relieve them after being called, the Captain of the company shall be promptly summoned and advised of the fact.

Sec. 10. They shall not permit visitors after 10 o'clock at night, except by consent of the Captain, or a superior officer.

Sec. 11. No changing or trading of "offs" or any watch duty in companies will be allowed without the consent of the Captain.

Sec. 12. Members shall not leave company quarters after ten o'clock p. m. while on duty, and the house watchman shall report to the Captain any member so doing as soon thereafter as possible.

Sec. 13. Watchmen shall not doze or sleep while on watch, nor permit any violation of these rules or regulations by any one in or in front of quarters, and shall at once call the Captain if any disturbance occurs in or about quarters which they cannot control.

Sec. 14. Captains or Acting Captains of Companies shall at the end of each day sever the tape connected with the register in their respective houses on which alarms of fire are registered, thoroughly familiarize themselves with each box registered thereon, and then safely keep and store the same away in some convenient place for at least one week. Whenever there is anything wrong with the tapper, gong or register, or anything in connection therewith, they shall immediately report the same to the Fire Alarm Office.

Sec. 15. Whenever, after one alarm has been received from any station, another alarm is received from the same or any other station before the first alarm has been tapped out, the housewatchman shall immediately call the Captain or Acting Captain in order that he may supervise the pegging on the record board.

Sec. 16. At six o'clock a. m. the house watchman shall call the company, and all members thereof must immediately arise and proceed with their regular duties of the day.

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Sec. 17. The House Watchman shall have charge of the Company journal during his watch and shall make all necessary entries therein unless otherwise provided by the officer in charge of the company; provided, however, that he shall make no entry therein of any accident or injury to a member or any other unusual or important occurrence during said watch without first calling the attention of the officer in charge of the company to the same. Upon the completion of each day's journal entries the officer in charge of the company shall inspect and endorse the same.

RULE 17—ACTS OF VALOR TO BE REPORTED.

The officer in charge at a fire shall report to the Chief Engineer the names of such officers and members of the Department as may distinguish themselves in the discharge of their duties by the saving of human life at the risk of their own, and Assistant Chiefs and Battalion Chiefs shall report any other meritorious acts which are worthy of special attention that may have been performed by members of the companies under their command, while on duty, either at a fire or elsewhere, giving a full and correct statement of the facts. The Chief Engineer shall submit all such reports to the Board of Fire Commissioners for their consideration.

RULE 18—LEAVES OF ABSENCE.

Section 1. Except as herein provided, all leaves of absence must be obtained from the Board of Fire Commissioners, upon proper written application made therefor.

Sec. 2. The Assistant Chiefs and Battalion Chiefs are authorized to and may grant leaves of absence to the officers and members of companies under their control for a period not to exceed four days, and in all such cases they must put on substitutes at the expense of the men granted leave. All such substitutes to be taken from the regular authorized list thereof.

Sec. 3. The Chief Engineer is authorized to and may grant leaves of absence to officers and members of the Department not to exceed ten days, and he may also extend leaves of absence, granted in accordance with the foregoing section, not to exceed six days.

Sec. 4. The President of the Board of Fire Commissioners may grant leaves of absence to the Chief Engineer.

Sec. 5. When any member of the Department is sick, he shall report or cause the fact to be promptly reported to his Captain and Battalion Chief. The Battalion Chief shall verify the statement and grant a leave of absence "on account of sickness" and shall put on a substitute in his place.

Sec. 6. Not more than three members of any engine or truck company having the full complement of men, and not more than two members of any engine or truck company of less than the full complement, and not more than two members of any chemical company will be allowed off on leaves of absence at the same time. Exceptions may be made by the Battalion Chiefs in cases of sickness or urgency, after an investigation of the same.

Sec. 7. All leaves of absence granted, with the time and cause for granting the same, must be reported to the Board of Fire Commissioners at the first regular meeting held after such leave is granted.

Sec. 8. Applications for leaves of absence from members of companies will not be considered by the Board of Fire Commissioners unless the same have been approved and countersigned by the Chief of Battalion and the Captain of the company of which the applicant is a member or to which he may be detailed for duty.

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Sec. 9. No member of this Department shall be entitled to a leave of absence by reason of illness other than physical disability occasioned by injury received in the discharge of duty, except upon certification of the physician and surgeon of the Department, and said certification shall accompany the written application for such leave of absence.

Sec. 10. No leave of absence or continuous leaves of absence with pay on account of illness or physical disability resulting from injuries received in the discharge of duty shall continue for a period in excess of one year, except upon sufficient proof of probability of ultimate recovery within a reasonable time thereafter from the illness by reason of which such leave or leaves of absence with pay are granted.

RULE 19—SUPERINTENDENT OF ENGINES.

Section 1. The Superintendent of Engines shall be responsible to the Board of Fire Commissioners and the Chief Engineer for the conduct and management of the repair shop. He is charged with the control and direction of the men assigned to duty under him, and shall see that their time is employed to the greatest advantage to the Fire Department, and report to the Chief Engineer in writing all accidents or injuries received by said men, and all absentees from duty, together with the reasons for their absence.

Sec. 2. He shall keep a detailed record of all the work done, and shall make and keep a record in a book provided for that purpose, of any and all apparatus which becomes injured, broken or in any way disabled, together with the date of such occurrence, the company or place to which it belongs, the nature of the injury or disability, the cause, if known, and such other and further information regarding the same as may be necessary.

Sec. 3. He shall visit the quarters of each company once a month, or as often as occasion may require, and inspect the apparatus in service in the Department, and report at least once each month the condition of the same to the Chief Engineer, and make such recommendations as he may deem advisable.

Sec. 4. He shall see that the apparatus is at all times kept in good repair and ready for immediate service.

Sec. 5. He shall attend all fires for which third alarms are sent in.

Sec. 6. He shall also perform such other duties as may be required or prescribed by the Commissioners or Chief Engineer.

RULE 20—CLERK AND COMMISSARY CORPORATION YARD.

Section 1. He shall be responsible to the Board of Fire Commissioners and the Chief Engineer, and shall be on duty at his office at Corporation Yard of this Department from 8 o'clock a. m. to 5 o'clock p. m. daily (Sundays and legal holidays excepted) and at such other times as the Chief Engineer may direct.

Sec. 2. He shall have the care and management of the supply department, and have charge of all hose, and apparatus and supplies purchased by order of the Commissioners.

Sec. 3. He shall, upon the receipt of requisitions therefor, deliver to the various companies the monthly supplies and stores for each company.

Sec. 4. He shall keep the books and accounts of the supply department in a systematic manner, showing the supplies received by him, the amount delivered to each company and the amount remaining on hand, and report monthly to the Board of Fire Commissioners.

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Sec. 5. It shall be his duty to keep in a book provided for that purpose an account of the quantity, kind and condition of the hose in the Department, and in each company thereof, with such other record as may be required to insure at all times full knowledge of the condition of the same.

Sec. 6. He shall not deliver any supplies or stores of the Fire Department except upon an order signed by the Chief Engineer and the Secretary of the Commissioners (except during a conflagration supplies or apparatus may be delivered on the order of the Chief Engineer, Assistant Chief Engineer, Battalion Chiefs or Captains) and shall procure a written receipt for all such supplies or stores delivered.

Sec. 7. He shall answer all third alarms of fire, and perform such other duties as the Commissioners or Chief Engineer may direct.

RULE 21—VETERINARY SURGEON.

Section 1. The Veterinary Surgeon shall be responsible to the Chief Engineer, and shall visit the hospital or stables daily. He shall also tend to all sick or injured horses belonging to the Department at any time of the day or night that such service may be needed. He shall give instructions to the attendants in charge of such horses, and shall report to the Chief Engineer and Board of Fire Commissioners any neglect of duty of same.

Sec. 2. Each person attending to horses under treatment of Veterinary Surgeon shall report to him the condition of horses in his care, and obey all orders given by the Veterinary Surgeon as to their treatment.

RULE 22—SUPERINTENDENT OF HORSES.

Section 1. He shall be responsible to the Board of Fire Commissioners and the Chief Engineer for the performance of his duties in the general care and treatment of the horses of the Department.

Sec. 2. He shall instruct his men to give such medical, surgical and other attention to the horses of the Department as may be ordered by the Veterinary Surgeon, regulate their feed, and give such directions to those in charge of horses as in his judgment is necessary.

Sec. 3. He shall report to the Chief Engineer once a month, or as often as circumstances may require, the condition of the horses, etc., under his charge, and shall also report all deaths of horses, and recommend the condemnation and disposal of horses which become unfitted for service in the Department.

Sec. 4. It shall be his duty, at least twice each month, to visit each company quarters and inspect the horses and the forage furnished, give advice and direction as to feeding, and to report to the Chief Engineer any willful neglect or any undergrade forage found.

Sec. 5. He shall keep an accurate, numerical and descriptive record of all horses in the Department, containing number, date of purchase, age, color, record of accidents, sickness and date of condemnation, death or transfer, together with such other information concerning the same as may be useful.

Sec. 6. He shall have the charge and direction of the hostlers assigned for duty at the stables, and shall prescribe their duties.

Sec. 7. When not otherwise engaged on Department business he shall always be in attendance at the Department stables.

Sec. 8. He shall have and assume charge of the stables and see that everything appertaining thereto is kept in proper order and condition.

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Sec. 9. He shall perform such other duties as may be required or prescribed by the Commissioners or the Chief Engineer.

RULE 23—HOSTLERS.

They shall devote their entire time and attention to the stable work assigned them, and shall perform such duties as may be prescribed by the Chief Engineer or Superintendent of Horses.

RULE 24—HYDRANTMEN.

Section 1. Hydrantmen shall attend to all hydrants and cisterns in their respective districts, see that the same are in good condition and ready at all times for immediate use.

Sec. 2. They shall see that the hydrants are at all times kept free from obstructions of every character, so that access thereto may be readily had by the engines of the Department.

Sec. 3. They shall visit and inspect the cisterns in their respective districts once in each week, keep the same filled with water and see that they are in proper condition and ready for immediate use at all times. They shall report the condition of the several cisterns once in each week to the Battalion Chief of the district wherein said cisterns are located, but if for any reason a cistern becomes useless the fact shall be immediately reported to the proper Battalion Chief.

Sec. 4. They shall register in books provided for that purpose the exact location of all hydrant gates in their respective districts and shall see that said gates are conspicuously exposed and not covered over or hidden in any way by pavement, bitumen or other material or substance used for street purposes.

Sec. 5. They shall perform such other duties as may be required of them by the Commissioners or Chief Engineer.

RULE 25—WATCHMEN.

Section 1. Night watchmen shall be in attendance daily at the Corporation Yard of the Department to which they may be assigned for duty from 6 o'clock p. m. until 7 o'clock a. m. the following morning, and shall carefully guard and protect the property intrusted to their care.

Sec. 2. They shall perform such other duties as may be required of them by the Superintendent of Engines.

RULE 26—CARE AND USE OF HOSE, APPARATUS, HORSES, HARNESS, IMPLEMENTS, ETC.

HORSES.

Section 1. All horses of the Department must be watered at 5 o'clock a. m. and fed at 6 o'clock a. m. with the regular allowance of cooked grain; the allowance of grain will be set aside by the driver, and the assistant house watchman will, about 1 o'clock each morning, pour boiling water over the same in a bucket provided for that purpose, and then fix the cover on tight so as to prevent the escape of the heat or steam therein. On feeding said allowance another allowance shall be immediately prepared. At 11 o'clock a. m. the horses

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shall be watered and given a small quantity of hay, and at about 12 o'clock m. fed the regular allowance of prepared grain. At 6 o'clock p. m. water and bed the horses, give them their allowance of hay, then give a few carrots, or other feed which may be ordered by the Superintendent of Horses.

Sec. 2. All horses shall be exercised daily for one hour, unless a run was had after 1 o'clock a. m. In wet weather exercising shall be done, if possible, between showers.

Sec. 3. In good weather, during the spring and summer months, the horses shall be permitted to stand outside the houses from 9:45 to 11 a. m.

Sec. 4. In case of sickness or injury to any horse, it shall be the duty of Captains to promptly report the same to the Superintendent of Horses, and he shall see that measures are taken for the relief of such horse.

Sec. 5. Any horse which neglects to eat or shows any signs of being sick or lame, and any horse loosing a shoe, will be immediately reported to the Superintendent of Horses, and a relief horse shall be provided.

Sec. 6. Teasing or annoying horses or teaching them any tricks, or unnecessarily or severely punishing them, is prohibited.

Sec. 7. No gas or electric light shall be placed or kept directly in front of a horse's eyes.

Sec. 8. Muzzles are strictly prohibited on horses between the hours of 6 p. m. and 6 a. m., except while standing on the street.

Sec. 9. On cold or stormy nights, when it is necessary to remain at a fire for a long time, the drivers shall blanket their horses well, and exercise them every half hour for ten minutes. If possible put them in some sheltered place.

Sec. 10. A horse shall never be given water or grain while he is hot after a run, except that his mouth and nostrils shall be sponged out with cold water and he shall be given two of three swallows only. Sweat shall be wiped from around the eyes and under the tail with a damp sponge.

Sec. 11. Horses shall be blanketed when standing in the open air.

Sec. 12. If a horse be under medical treatment, the driver shall be careful to follow the instruction of the Veterinary Surgeon in administering the medicines and otherwise attending to the horse. If a driver lays off while attending a sick horse, he shall instruct his substitute as to how the horse is to be attended to.

Sec. 13. After returning from exercise or an alarm, horses' feet (not legs) shall be washed out and examined for nails, loose shoes, etc., then rubbed down and if warm, blanketed (in houses that have no heater). The back door shall be kept shut and draughts avoided as much as possible.

Sec. 14. In cold weather the chill shall be taken off drinking water, or only a small quantity of cold water shall be given at one time. You are directed to see that this rule is strictly observed by all members or employees of the Department having the care or charge of horses, and any neglect or failure on their part to comply therewith will be brought to the attention of the Board of Fire Commissioners.

Sec. 15. A bucket shall not be used to catch the horses urine in. If a horse is straining to urinate and afraid to do so, straw shall be shaken under him, which will encourage him to pass it. The stall shall be rinsed out or washed down immediately. Manure shall also be removed immediately.

Sec. 16. The mane and tail shall be washed once a week with soap and warm water, weather permitting, and the sheath once every two weeks.

Sec. 17. Horses predisposed to scour shall get small quantities of water often, instead of a large drink at one time.

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Sec. 18. Grey or white horses stained on quarters, etc., may have spots sponged off with warm water and soap, but must be thoroughly dried with a "rubber" immediately. White legs may be treated likewise when necessary; otherwise the legs shall never be washed, except by order of the Superintendent of Horses.

Sec. 19. Rain, sweat and mud shall be removed immediately on getting into the house; first with scraper and afterwards with a wad of straw or sack, care being taken to dry out the hollow of the heels thoroughly; what is left can be washed or brushed off when dry; use no water to remove it. Washing horses is prohibited.

Sec. 20. The feet shall be stuffed every other night in dry weather.

Sec. 21. Musty or overdried hay, or musty food of any kind shall be rejected, as it is injurious to the horse's wind.

Sec. 22. Clipping horses shall be done under the directions of the Superintendent of Horses, but the mane and legs shall be clipped clean at all times.

Sec. 23. Bedding shall be removed for ventilation from the house in dry weather where it is convenient to do so.

Sec. 24. Drivers are strictly prohibited from using a twitch or other like appliance upon the horses while clipping the legs, cutting the manes, washing tails, etc. If a horse cannot be handled without the use of said appliances, the driver shall notify the Superintendent of Horses.

HARNESS.

Sec. 25. No hot or warm water shall be used in cleansing harness.

Sec. 26. The use of emery cloth in polishing the points and bells of Hale or Berry hames is strictly prohibited. Nothing but oil shall be used.

APPARATUS.

Sec. 27. No alterations shall be made in trace or pole chains other than necessary adjustments.

Sec. 28. The use of water in and around the furnace of fire engines for removing sparks or other evidence of fire is prohibited. A dry broom shall only be used for said purpose.

Sec. 29. On returning from a run, the apparatus will be left outside of the house, the horses blanketed, and the running gear thoroughly washed with small hose. Companies having a yard may wash their apparatus therein.

HOSE.

Sec. 30. Cotton hose shall not be allowed to remain on the wagon more than twenty-four hours in a wet or damp condition unless unavoidable. The hose shall be changed every fifteen days unless the same has been in actual service during said time, and when said change is made, a note thereof shall be entered in the company journal.

Sec. 31. Cotton hose, after being used at a fire, and when returned to quarters, if only wet or damp, shall be immediately hung up in the tower. If any hose is in a dirty condition from mud, etc., it shall be thoroughly cleaned, with a broom and water if necessary.

Sec. 32. When changing hose, before it is taken from the wagon or reel, there must be lowered down from the tower all the hose that is to be put on, and the lengths coupled together, care being taken to see that the couplings and swivels are in perfect order and that all have proper washers. A small quantity

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of tallow or oil should be used on the threads or swivels, but not enough to run on the fabric or rubber, as grease will injure either. What hose is necessary can then be removed from the wagon or reel and the dry hose placed thereon; the wet hose then hoisted in the hose tower. If any of the lengths of hose are injured, they shall not be rolled up and set aside, but must be marked and hung up until called for by the supply wagon.

Sec. 33. Hose covers shall not be folded. The inner or go-between cover shall be rolled and stored under the seat; the outer cover of hose wagons and carriages, when not in use, shall be hung at full length or width in a dry place, and not creased in any manner.

RULE 27.—RULES GOVERNING MEMBERS ON SICK LEAVE.

Section 1. When a member of the Department becomes sick or disabled to such an extent as to render him unable and unfit to properly perform his required duties in the Department, he shall report the fact, or cause the same to be promptly reported to the Captain of the Company to which he may belong or to which he may at that time be assigned for duty.

Sec. 2. The Captain or officer receiving such report shall immediately notify his Battalion Chief, who shall promptly investigate the case, and if he deem it necessary, grant the member a leave of absence on account of sickness, and as soon thereafter as possible notify the Department physician and surgeon thereof, giving him the exact location at which such member may reside or can be found.

Sec. 3. He shall also visit such sick member within twenty-four hours after the granting of the leave of absence; provided, the member resides or is located in his Battalion District during his sickness, and submit a report in writing thereof to the Chief Engineer. He shall continue to visit him once a week or oftener, if necessary, during his disability, and file a written report thereof, together with any other circumstances connected with his sickness that he may deem proper, with the Chief Engineer.

Sec. 4. Should the sick member reside or be located outside the boundries of the district of the Battalion Chief, such Battalion Chief shall, immediately after granting him the leave of absence, notify the Battalion Chief of the district in which the member may reside or be found of the fact, and the Battalion Chief so notified shall then proceed to carry out the requirements of Section 3.

Sec. 5. The Department Physician and Surgeon shall, within twenty-four hours after notification by the Battalion Chief, visit and examine each and every thus reported sick member, and shall continue to visit them at least once a week thereafter during the continuation of their sickness, and he shall also report in writing once a week to the Board of Fire Commissioners the names of all such members visited, with the nature of their illness or disability and condition of the same, and also any circumstances or irregularities that may come under his observation in connection therewith.

Sec. 6. All members of the Department that may be granted leaves of absence on account of sickness or disability must file with the Board of Fire Commissioners weekly a certificate from a regularly certificated physician clearly specifying the character and nature of such sickness or disability, and all such certificates must be submitted to the Department Physician and Surgeon to be countersigned before filing the same with the Board.

Sec. 7. Any member who becomes sick or incapacitated from the performance of his required duties in the Department through intemperance, vicious habits, immoral or unlawful acts, or through the reckless negligence of his

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person or health, shall not be entitled to any salary or compensation from this Department during such illness or disability.

Sec. 8. Any member whose sickness or disability does not necessarily confine him to his residence or a hospital, shall report to the Department Physician and Surgeon in person at his office, once a week, or oftener, if directed by him, on the regular visiting days that he may name.

Sec. 9. Members off duty on sick leave shall not be permitted to leave the City without having first obtained the consent of the Board of Fire Commissioners to so do, and when thus absent from the City must file a physician's certificate, as required by Section 6.

Sec. 10. No member of the Department will be allowed salary during any sickness or disability contracted or incurred while said member is off duty on leave-of-absence that may be granted or allowed without pay by the Board of Fire Commissioners or any authorized officer of the Department.

Sec. 11. No member of the Department off duty on leave-of-absence granted on account of sickness or disability shall be absent from his residence after eight o'clock p. m.

Sec. 12. Captains or other officers in charge of companies, shall immediately notify the Department Physician and Surgeon whenever members who have been absent from duty on sick leave report back to their Companies for duty.

Sec. 13. Any member of the Department violating any of the above rules or failing to strictly conform thereto while on leave-of-absence for sickness or disability shall not be allowed salary for the time absent from duty on said leave.

Sec. 14. Any member of the Department who willfully misrepresents himself to be sick or injured and unfit to properly perform his required duties in the Department shall, after a trial, be dismissed therefrom without the alternative of a fine.

GENERAL RULES.

1. All officers and members of the Department shall devote their entire time and attention to the services of the Department, and shall not engage in any other business or calling.

2. No political, social or other organization shall be formed or maintained in the houses of the Department, and no meetings of any character, other than regular company meetings, will be permitted therein; and no officer, member or employee of the Department shall take any part whatever in any political conventions, canvass or campaigns, except to vote, and no interference in the free exercise of this right by every member of the Department will be tolerated. Any violation of this rule will be deemed sufficient cause for dismissal from the Department.

3. The officers and members of the Department are prohibited from forming and maintaining, exclusively amongst themselves, any society, company or organization supported by assessments upon or contributions from the members or employees of the Department, without having first obtained permission from the Board of Fire Commissioners to so do.

4. Officers shall be just, dignified and firm in their intercourse with subordinates, and shall abstain from using violent, abusive or immoderate language in giving orders and directions, as well as when in conversation with them.

5. Officers and members shall at all times conduct themselves in a gentlemanly manner and refrain from using obscene, immoral, disrespectful, impudent or improper language.

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6. Members of the Department shall not enter saloons or places where liquor is sold while wearing their uniforms or while on duty, except in the legitimate discharge of their duty.

7. No intoxicating beverages shall be brought into, kept or drunk in or about any of the houses or premises of the Department, and any member or employee, who, while on duty, or while in uniform, or when about the premises of the Department, becomes intoxicated, or who absents himself from duty because of drink shall be subject to dismissal, or such other penalty as the Board of Fire Commissioners, after trial, may impose.

8. Smoking, while on the apparatus or vehicles of the Department, is at all times prohibited.

9. Gambling of all kinds is strictly prohibited in or about the houses of the Department.

10. Congregating on the sidewalk in front of or adjacent to company houses is also prohibited.

11. Members of companies are prohibited from using the telephones in service therein without having first obtained permission to so do from their superior officers, and then only for as brief a period as possible, and no person or persons, other than public officials, shall be allowed to use the same, after permission has been granted by the officer in charge of the company, and then only on official business connected with their respective departments. Whenever the Captain or Lieutenant of a company is not upon the apparatus floor and in close proximity to the telephone, any other member of the company who can conveniently do so shall answer any calls that may come in thereon. After taking the receiver from the hook the member so answering shall immediately give the number of the company. In cases where more than one company are stationed in the same quarters the number of the engine company shall be given first, then followed by the number of the truck or chemical company, as the case may be. Where truck and chemical companies are quartered together the number of the truck company shall be given preference, followed by the number of the chemical or water tower company, as the case may be. The officer in charge of the company shall be held strictly responsible for the observance of this rule.

12. No member or employee shall sell or assign or discount his salary warrant or demand on the Treasurer; nor shall any member or employee endorse or guarantee, in writing, the note, assignment, or other instrument of like nature of any other member of the Department.

13. All members and employees of the Department shall promptly pay their just and lawful debts, contracted or incurred while in the service. Failure to do so will be considered cause for suspension or dismissal.

14. No officer, member or employee shall at any time be guilty of any act or omission which impedes, injures or hinders, or tends to impede, injure or hinder, the progress, welfare, discipline, efficiency or good name of this Department.

15. Members of the Department, as a mark of respect, shall rise and salute Commissioners and ranking officers of the Department, or any other public officers visiting their quarters. When a ranking officer visits the quarters of a company, all members thereof that may be outside of the house or on the street in the vicinity thereof shall immediately return to quarters.

16. The members of the Department shall at all times address their superior officers by their proper titles, and in all cases use the word without any abbreviation whatever. The Chief Engineer, Assistant Chief Engineers and Battalion Chiefs, when addressed verbally by any member of the Department

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shall be addressed as "Chief," but when addressed in writing the full title of the officer shall be used.

17. Every member of the uniformed force shall provide himself with the regulation uniform within thirty days after his appointment, but such uniform must not be worn on duty until it has been inspected and approved by the Battalion Chief. It shall be the duty of said members of the Department to wear the prescribed uniform at all times, except from the time of retiring until 10 o'clock a. m. All members of the Department, while at a fire, shall wear their official badge in a conspicuous place on the left breast of their coat or outer garment, and shall wear their regulation fire hat.

18. Members of the Department shall conduct themselves quietly at fires; shouting or boisterous conduct will not be permitted. Water will be turned on by order of a commanding officer and not otherwise. Members who are on the pipe leading into a fire above the ground floor will shut the nozzle off immediately upon connecting the same to the hose.

19. No exchange of badges will be permitted except when it becomes necessary in cases of promotion or transfer; nor shall the same be loaned to any person, or used for any but the legitimate purposes of the Department.

20. No officer, member or employee shall ride or attempt to ride on any street car on his official badge or uniform and without paying his fare, unless such privilege has been accorded the members by the railroad companies, and then only under such conditions as may be imposed by the said companies.

21. Members of the Department, when resigning, or upon dismissal or suspension, shall immediately surrender to the commanding officer of their company their official badge, cap insignia, and all other property of the Department that may be in their possession.

22. Members of companies shall sleep in their company houses when on duty, and while so sleeping shall not be unnecessarily disturbed.

23. Members of companies, while on duty, shall not leave their respective company quarters after ten o'clock p. m. without first having obtained permission to do so from the officer in charge of the company.

24. The hours for meals in the various companies shall be designated by the Captain, every man being entitled to one hour for each meal when three meals are taken outside of quarters during the day, or one and one quarter hours for each meal when only two meals are taken outside of quarters; provided that the total time for all men of the company at each meal shall not be more than three and one-half hours. The number of men absent at meals at one time shall be in accordance with these hours, taking into consideration the number of men in the company.

25. Members of Companies shall not go beyond the limits of their respective company districts for their meals when on duty, and while absent at meals they shall immediately respond to all alarms of fire to which their respective companies respond, either for service or for the purpose of covering-in to other quarters. Nor shall they go beyond the limits of their said company districts for any other purpose while on duty without first obtaining permission to do so from the Battalion Chief in charge of their respective companies.

26. Members shall procure at their own expense tappers to be placed in their respective eating places.

27. Members of companies shall notify their Captains of the address of their eating place and residence and of any change therein, and said officer shall keep a record of these particulars concerning every man under his charge.

28. All uniformed members of the Department, when appearing before the Board of Fre Commissioners for trial or otherwise, shall so appear in the full regulation uniform of the Department.

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29. No visitors shall be allowed in the houses of the Department after 10 o'clock p. m. without permission of the Captain.

30. No member of the Department shall receive any reward or present of any kind for services rendered in the discharge of his duties, without permission of the Board of Fire Commissioners, and no member shall give or contribute toward the giving of any present or thing of value to any member or officer of superior rank without having first obtained such permission.

31. No officer or member of the Fire Department shall wantonly or maliciously make any false report of any other member, nor fail to report any real violation of the rules, etc.

32. Department property shall not be loaned, sold or given away, but shall be carefully protected from waste and abuse.

33. The various companies of the Department shall have and attend such drills as their superior officers may prescribe and the members thereof shall attend such practice drills at the Drill Towers as the Chief Engineer or Drill Masters direct, and all the required duties of such drills shall be properly and efficiently performed.

34. No officer or member of any company shall be absent from his company quarters while on duty, without permission, except at meal hours, unless by order of the Chief Engineer.

35. Officers and members shall report back to quarters promptly at the expiration of meal hours, leaves of absence, etc.

36. All assignments of officers and of companies for answering alarms and attending fires and the movements of companies in covering-in, shall be made under the direction of the Chief Engineer.

37. No work or labor not absolutely necessary shall be performed on Sundays.

38. All members of companies (Drivers and Engineers excepted) shall wear the regulation fire hat while going to and returning from alarms of fire and while working thereat.

39. Officers and members of the Department shall be governed by the rules and regulations, as set forth in the Assignment Book, in responding to alarms of fire, and a strict observance of said rules is required of them.

40. The First Assistant Chief Engineer, Second Assistant Chief Engineer and Battalion Chiefs may suspend any subordinate officer, member or employee of the Department for a violation of any of the rules of the Department, and shall forthwith report in writing such suspension, with the reasons therefor, to the Chief Engineer.

41. All officers, members and employees of the Department shall perform all their required duties therein in a prompt, proper and energetic manner, and continued failure or neglect to so do will be considered as incompetency by the Board of Fire Commissioners.

42. No officer, member or employee shall neglect or refuse to perform any duty or to obey any order of a superior officer, pertaining to matters of the Department.

43. Officers shall call the attention of all members present to any misconduct, occurrence, act or words which might become the subject of charges before the Commission.

44. It shall be the duty of all members or employees of the Department to take notice of any conduct or action of any member or employee therein which they are in a position to see or any language which they may hear, and which may be prejudicial to the good and welfare of the Department, and said

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members shall ascertain the true facts and conditions in every case to which their attention may be called, for the purpose of acting as witnesses.

45. False swearing or willfully withholding the truth on the part of members while acting as witnesses in the trial of charges before the Commission will be made the ground for charges and be punished as the Commission may determine.

46. The duties imposed upon members of the Department shall also apply to Substitutes when on duty, and a strict observance of the rules and regulations of the Department will be required of them.

47. Any officer, member or employee violating any of the foregoing rules and regulations of the Department, or any subsequent rules and regulations which may be adopted by the Board of Fire Commissioners, or any general or special orders or instructions of the Board of Fire Commissioners or Chief Engineer, or orders of any superior officer, shall, upon conviction, be punished by reprimand, fine, suspension or dismissal from the Department, as the Board of Fire Commissioners may determine.

INSIGNA OF RANK.

Chief Engineer.—Five trumpets, measuring one and three-sixteenths inches each, crossed with the bells outward, and projecting beyond mouthpieces, so as to form a design one and one-half inches in diameter, and all to be made of gilt metal and worn on the front of the cap.

First Assistant Chief Engineer.—Same as above, with the exception that there shall be but four trumpets.

Second Assistant Chief Engineer.—Same as above, with the exception that there shall be but three trumpets.

Battalion Chiefs.—Same as above, with the exception that there shall be but two trumpets.

Captains of Engine, Chemical Engine and Water Tower Companies.—Two trumpets, one and three-sixteenths inches long; made of white metal; trumpets placed perpendicularly, bells downward; letter and number designating company on same. To be worn in the center of cap front.

Lieutenants of Engine, Chemical Engine and Water Tower Companies.—Same as above, with the exception that there shall be but one trumpet, placed horizontally.

Captains of Truck Companies.—Two axes, one and three-sixteenths inches long; made of white metal; axes to be placed diagonally above; letter and number designating company on same. To be worn in center of cap front.

Lieutenants of Truck Companies.—Same as above, with the exception that there shall be but one axe, placed horizontally.

Engineers, Drivers, Stokers, Tillermen, Truckmen and Hosemen.—White metal Maltese cross badge, one and five-eighths inches each way, with the Department number of the wearer in figures three-eighths of an inch long. To be worn in the center of the cap front.

REGULATION UNIFORM, SAN FRANCISCO FIRE DEPARTMENT.

CHIEF ENGINEER.

COAT to be double-breasted, square cut; to button to the neck, with rolling collar, made to be worn open or closed; seam in back; raw edge, ½ inch double stitched, two lower, one upper pockets witn scalloped flaps 3½ inches deep at points; two inside, cut crosswise; two rows of buttons, eight in each

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row, to be placed in pairs. Sleeves to be stitched to a point from 3½ to 6 inches; four buttons on sleeve. Buttons to be gilt and set in with rings. Length to be to the middle of first finger. Lining to be of heavy Italian cloth and striped sateen sleeve lining.

VEST—Single-breasted; no collar; raw edge; double-stitched one-half edge; four pockets outside, none inside. The pockets to have scalloped flaps 2¼ inches deep at points, 1¾ inches between points. Vest to be opened no more than fourteen inches from center to back and closed with six gilt buttons.

TROUSERS—Two top, two hip and one fob or watch pocket; sewed down lap seam three-eighths of an inch; width of trousers to be one inch smaller at bottom than at knee.

SHIRT—Linen or muslin, with standing collar.

CRAVAT—A narrow necktie or bow of black silk, not less than three-quarters of an inch in width, tied in a flat knot in front, the end to extend not more than three inches from the knot.

FIRST AND SECOND ASSISTANT CHIEF ENGINEERS AND BATTALION CHIEFS.

COAT.—To be double-breasted, square cut; to button to neck; raw edge, ⅜-inch double-stitched; two lower and one upper pocket, with scalloped flaps 3½ inches deep at point; two inside pockets; two rows of buttons, six in each row; sleeve to be stitched to a point from 3½ to 6 inches; four buttons on each sleeve; open cuffs; lengths to middle of first finger; collar two inches all around; flaps to be sewed on outside of coat.

CAPTAINS AND LIEUTENANTS OF COMPANIES AND OPERATORS.

Same as above, with the exception that there shall be two rows of buttons, five in each row, placed equi-distant to within 8½ inches of bottom of coat. Buttons to be of white metal; no outside pockets; three buttons on each sleeve; coat to be made to be worn buttoned up.

VEST same as specified for officers, with the exception that the two upper pockets are finished with welts one inch deep.

SHIRTS same as specified below.

ENGINEERS, DRIVERS, STOKERS, HOSEMEN, TILLERMEN AND TRUCKMEN.

COAT to be single-breasted, square cut, buttoned close to neck, with six buttons; to be finished raw edges, double-stitched one-half inch, plain seams, also seam down center of back. Prussian collar, turned down 2½ inches deep in center of back, 2⅜ inches deep at points in front; no pockets outside, two inside cross-ways. Sleeves to be stitched to a point 3½ inches from edge up to 5 inches, double-stitched; three buttons, facing inside, raw edged and single-stitched. Buttons to be of white metal. The length of coat to be the middle knuckle of first finger.

TROUSERS same as specified for officers.

VEST same as specified for officers, with the exception that the two upper pockets are finished with welts one inch deep. All buttons on coat and vest to be fastened in with rings.

SHIRTS blue flannel, collar 4½ inches deep at points, 2½ inches at back when finished; three rows of stitching. Collar band three-quarter inch at front and 1½ inches at back. Breast-piece 13 inches long, 2½ inches wide, open

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11½ inches; three rows of stitching; four buttons and button-holes. Yoke two points, three rows of stitching. Body and sleeves double-stitched. Cuffs open five inches; long points 7½ inches; short points 5½ inches. Two button-holes, three buttons, three rows of stitching. Silk to be used in all top stitching and buttonholes. Buttons to be first grade white pearl; four holes; twenty-four line. Buttonnoles to be hand-made.

CAPS.

Chief Engineer—Twenty-ounce blue cloth, bell crown, 3⅝ inches high, 2-inch drooping visor, lustrous black mohair braid, ½-inch gold lace band around cap, ½-inch gold strap from button to button, one gilt button on each side of cap. Inside band of cap to be solid leather, lining to be of genuine hair cloth, covered with satin, sweatband to be dark Japan leather, 2 inches wide, two japaned metal eyelets on each side of cap for ventilation.

First and Second Assistant Chief Engineers—Same as above, with the exception that gold lace band around cap be ¼-inch wide.

Battalion Chiefs—Same as above, with the exception that there shall be no gold lace band around entire cap, plain black mohair braid around cap, ½-inch gold strap in front.

Captains of Companies—Same as above, with the exception that there shall be only plain black mohair braid around cap and ½-inch silver strap in front, with silver buttons.

Lieutenants and Operators—Same as above, with plain black mohair braid around cap, ½-inch black leather strap in front, with two silver buttons.

Engineers, Drivers, Stokers, Hosemen, Tillermen, Truckmen, Pilots and Firemen of Fire Boats—Cap to be same as above, with the exception that visor to be straight instead of drooping, and no mohair braid around cap, ½-inch black leather strap in front, with silver buttons.

All insignia of office and cap devices shall be placed half way between the top of cap and the row of stitching at the upper edge of cap band.

Rain covers required for each cap to be made of rubber gossamer to fit the cap.

REGULATION FIRE HELMET

Chief Engineer.—White leather hat with twelve cones, having a gilded leather front, depending from a gilt-edge head, and attached to the front of the helmet, with the insignia of his rank and the words "Chief Engineer" painted upon it upon a scroll of gold.

First Assistant Chief Engineer.—Same as above, with the words "First Assistant Chief" thereon.

Second Assistant Chief Engineer.—Same as above, with the words "Second Assistant Chief" thereon.

Battalion Chiefs.—Same as above, with the words "Battalion Chief" and number of Battalion District designated thereon.

Captains of Engine Companies.—Black leather hats, with eight cones, with number of company and rank of office on white leather front.

Lieutenants of Engine Companies.—Same as above.

Hosemen.—Black leather hats, with eight cones, and name of company on black front.

Truck Companies.—Red and white leather hats, with eight cones.

Chiefs' Operators—Black leather hats, with eight cones, white letters on red background, with word "Operator" and number of battalion or rank of Chief thereon.

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REPORT

OF THE

Board of Fire Pension Fund Commissioners

San Francisco, July 23, 1912.

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—In compliance with Article XVI, Section 9 of the Charter of the City and County of San Francisco, the Board of Fire Pension Fund Commissioners herewith present and submit their report for the fiscal year ending June 30th, 1912:

ORGANIZATION.

The Board of Fire Pension Fund Commissioners, as now constituted, consist of four members and a secretary, viz.:

H. U. BRANDENSTEIN ..... Term expires January 8, 1916
JAMES E. DILLON ..... Term expires January 8, 1915
EUGENE E. PFAEFFLE ..... Term expires January 8, 1914
JOHN DONOHOE ..... Term expires January 8, 1913
H. L. KEEFE ..... Secretary

During the year the following named members of the Fire Department were pensioned under the provisions of Article 9, Chapter 7, Section 4 of the Charter, namely:

Michael H. O'Neill, Hoseman Engine Co. No. 37, injured while in the discharge of duty. Pensioned July 3rd, 1911, effective from July 1st, 1911.

William S. Casebolt, Engineer Engine Company No. 32, injured while in the discharge of duty. Pensioned July 13th, 1911, effective July 16th, 1911.

Albert Henrikson, Hoseman Truck Company No. 4, injured while in the discharge of duty. Pensioned March 7th, 1912, effective from March 1st, 1912.

During the year the following members of the Fire Department were retired under the provisions of the Charter, Section 3, Chapter 7, Article 9, namely:

Cornelius Connell, Driver Engine Company No. 39, who had been a member of the Fire Department for more than twenty-five years. Pensioned July 3rd, 1911, effective August 1, 1911.

John Pendergast, Lieutenant Engine Company No. 13, who had been a member of the Fire Department for more than twenty-five years. Pensioned April 1st, 1912, effective April 2nd, 1912.

Nicholas Barbetta, Driver Monitor Battery No. 2, who had been a member of the Fire Department for more than twenty-five years. Pensioned April 19th, 1912, effective May 1st, 1912.

During the year the following widows or deceased firemen who were killed in the discharge of duty, or who received injuries from which they died, were pensioned under the provisions of the Charter, Section 5, Chapter 7, Article 9, namely:

Ann Riley, widow of James Riley, Hoseman Engine Company No. 25. Pensioned August 10th, 1911, effective from August 1st, 1911.

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Hannah Wilkinson, widow of John Wilkinson, Hose Company No. 3. Pensioned July 27th, 1911, effective August 1st, 1911.

Catherine T. Baker, widow of Frederick Joseph Baker, Driver Engine Company No. 41. Pensioned April 9th, 1912, effective from September 4th, 1910, the date of the death of Mr. Baker.

Teresa Ahearn, widow of Thomas Ahearn, Hoseman Engine Company No. 35. Pensioned April 12th, effective from March 18th, 1912, the date of death of said Thomas Ahearn.

Jessie Raffestin, widow of Etienne Raffestin, Hoseman Engine Company No. 19. Pensioned June 13th, 1912, effective from January 6th, 1912, the date of death of said Etienne Raffestin.

Minnie Miskel, widow of William F. Miskel, Captain of Engine Company No. 4. Pensioned June 26th, 1912, effective from May 4th, 1912, the date of death of said Captain Miskel.

Anna Buckley, widow of James Buckley, Stoker Engine Company No. 15. Pensioned June 26th, 1912, effective from June 1st, 1911, the date of death of said James Buckley.

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LIST OF PENSIONERS, JUNE 30, 1911, TO JUNE 30, 1912.

NAME.	Pension Effective.	Amount per Quarter.
Bell, Charles	February 14, 1892	$135.00
O'Neil, John	April 23, 1892	135.00
Fleming, P. H.	October 29, 1892	210.00
Finn, D. A.	January 14, 1893	135.00
Robinet, H. J.	July 28, 1894	135.00
McCue, Hugh	February 2, 1895	135.00
Cunningham, William	April 13, 1896	210.00
Lawrence, B. B.	February 4, 1897	135.00
O'Neill, Edward	June 6, 1897	135.00
Clements, John	August 27, 1897	135.00
Grady, James	December 16, 1897	135.00
O'Sullivan, Edward	September 14, 1899	135.00
Murphy, John J.	November 9, 1899	210.00
Desmond, Felix P.	November 16, 1899	135.00
Sweeny, Mrs. Jennie	July 1, 1900	120.00
Crummy, John T.	November 1, 1900	120.00
Wolf, Joseph	January 10, 1901	120.00
Barry, Patrick	April 1, 1901	150.00
McGibbon, James A.	March 6, 1903	150.00
Mahoney, John J.	June 1, 1902	180.00
Nagle, Mrs. Eliza J.	September 1, 1902	150.00
Heffernan, Mrs. Marion	October 1, 1902	150.00
Cumisky, James	November 1, 1902	150.00
Canty, Patrick	April 1, 1903	150.00
Browne, Robert T.	April 1, 1903	180.00
Bearwald, Mrs. Ray	June 1, 1903	150.00
Holmes, Mrs. Mary	December 1, 1903	180.00
Casserly, Thomas E.	June 1, 1904	150.00
Sawyer, Robert H.	June 1, 1904	180.00
Harrington, Mrs. Emma	October 1, 1904	150.00
Dougherty, Mrs. Sarah	October 1, 1904	168.75
Allen, John	January 1, 1906	150.00
Ewing, George	January 1, 1906	180.00
Sullivan, Mrs. Jennie	February 1, 1906	150.00
Dakin, Mrs. Francis	February 1, 1906	180.00
Hennessy, Mrs. Nellie	February 1, 1906	150.00
Reilly, J. W.	April 30, 1906	225.00
Kenny, John	April 30, 1906	180.00
O'Neill, Mrs. Mary	May 11, 1906	135.00
Sullivan, Mrs. Margaret	May 18, 1906	499.95
Smith, Mrs. Nora	September 7, 1906	135.00
Lennon, Edward P.	November 1, 1906	150.00
Woods, Gabriel	December 1, 1906	150.00
Harrison, David	January 1, 1907	180.00
Stevens, Joseph	January 16, 1907	150.00
Boyson, George M.	March 1, 1907	150.00
O'Brien, Maurice J.	July 1, 1907	150.00
Fernandez, T. M.	July 1, 1907	262.50
Barry, Thomas	July 1, 1907	150.00
Canty, Thomas	July 1, 1908	232.50
Carew, George	August 16, 1908	180.00
Wells, George F.	July 16, 1908	180.00
Franks, Mrs. Nellie	August 1, 1908	150.00
Balk, Stephen S.	November 1, 1908	180.00
Kelly, William E.	December 1, 1908	232.50
Donnelly, Bernard	January 1, 1909	180.00
Lyons, Mrs. Teresa	March 5, 1909	180.00
Schmidt, Henry	April 16, 1909	232.50
Mary I. Garety†	July 1, 1909	180.00
Ford, John J.	July 1, 1909	180.00
Cuneo, Rinaldo	July 1, 1909	180.00
Crosby, John	October 16, 1909	180.00
Ryan, Michael	October 16, 1909	180.00
Schill, Alfred	November 1, 1909	150.00
Waters, William D.	January 16, 1910	337.50
Stroud, Mrs. Mary A.	December 1, 1907	150.00

* Guardian for Ethel, George, Annie, Evelyn, Frank, William, Irving and Robert Johnson, Minors.

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LIST OF PENSIONERS, JUNE 30, 1910 TO JUNE 30, 1911.—Cont'd.

NAME.	Pension Effective.	Amount per Quarter.
Shaughnessy, Patrick H.	March 16, 1910	624.99
McKittrick, Edward F.	March 16, 1910	337.50
Andrews, Mrs. Catherine	January 3, 1910	180.00
Riley, Mrs. Maria	June 4, 1909	150.00
Meehan, Mrs. Elizabeth†	February 1, 1910	180.00
McCarthy, Mrs. Mary	March 16, 1910	180.00
Roberts, Mrs. Helena M.	April 2, 1910	180.00
Mitchell, John	July 1, 1910	180.00
Florance, Alfred	July 1, 1910	180.00
Banker, August	July 1, 1910	180.00
Horn, Henry F.	July 1, 1910	337.50
Reimers, J.	July 1, 1910	180.00
McConigle, Edward	July 1, 1910	180.00
Hayden, Mrs. Sarah	July 1, 1910	180.00
Smith, Charles F.	July 8, 1910	180.00
Rudolph Lemuel	August 1, 1910	180.00
Gorter, Henry H.	August 1, 1910	337.50
Kiehl, Louis	October 4, 1910	210.00
Wright, Mrs. Anna	April 4, 1910	180.00
Cavanagh, James T.	June 1, 1911	180.00
Dougherty, Gabrielle‡	May 1, 1911	150.00
Connell, Cornelius	August 1, 1911	180.00
Casebolt, William S.	July 16, 1911	210.00
Buckley, Mrs. Anna	June 1, 1911	180.00
Baker, Mrs. Catherine	September 4, 1910	165.00
Riley, Mrs. Ann	August 1, 1911	150.00
Wilkinson, Mrs. Hannah	August 1, 1911	135.00
Henrikson, Albert	March 1, 1912	180.00
Ahearn, Mrs. Teresa	March 18, 1912	180.00
Pendergast, John	April 2, 1912	213.75
Barbetta, Nicholas	May 1, 1912	180.00
Miskel, Mrs. Minnie	June 26, 1912	232.50
Raffestin, Mrs. Jessie	January 6, 1912	180.00

† Guardian for Anita and Raymond Meehan.

‡ Gabrielle Dougherty's pension was restored on April 12, 1912, by order of Judge Seawell of the Superior Court.

Pension allowances to Frank J. Conlon, Guardian for Frank J., George and Thomas Cameron, ceased on August 21, 1911, the youngest child having reached the age of sixteen years.

During the year the following deaths occurred:

John O'Neill ..... Died July 9th, 1911
Patrick McCormick ..... Died Aug. 25th, 1911
John R. Thompson ..... Died Oct. 9th, 1911
Michael H. O'Neill ..... Died Nov. 4th, 1911
Hugh Kennedy ..... Died Jan. 9th, 1912
Joseph J. Lee ..... Died April 14th, 1912
Henry S. Morrison ..... Died May 22nd, 1912

APPROPRIATIONS AND EXPENDITURES.

Fiscal Year June 30, 1911 to June 30, 1912.

Appropriated by Board of Supervisors July 1, 1911 ..... $72,500.00

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PENSIONS PAYABLE.

First Quarter ending September 30, 1911	$17,842.19	
Second Quarter ending December 31, 1911	16,779.69	
Third Quarter ending March 31, 1912	16,663.19	
Fourth Quarter ending June 30, 1912	20,731.24	
Salary of Secretary, printing, stationery, etc., July 1, 1911 to June 30, 1912	600.00	72,166.31
Surplus		$ 383.69

Respectfully submitted,

BOARD OF FIRE PENSION FUND COMMMISSIONERS.

By H. L. KEEFE, Secretary.

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City Attorney's Report

San Francisco, Cal., August 1, 1912.

Hon. James Rolph Jr.,
Mayor of the City and County of San Francisco.

Sir: In compliance with the requirements of Section 9, Article XVI of the Charter of the City and County of San Francisco, I have the honor to submit the following as my report as City Attorney for the fiscal year, 1911-1912:

ADVICE TO AND CONFERENCES WITH BOARDS AND COMMISSIONS.

This office is constantly called into conference with the several boards and commissions of the City Government and committees of the Board of Supervisors upon legal matters involving the powers and duties of the several boards and commissions. This office always complies with requests for such conferences, and probably more time is given to these conferences than to any other particular work of the office. No record is kept of them, consequently the work and matters involved do not appear in this record.

WATER LITIGATION.

WATER RATES.

My annual report of 1908-1909 contained a detailed history of the litigation brought by the Spring Valley Water Works, and its successor, Spring Valley Water Company, against the City and County of San Francisco, enjoining the enforcement of ordinances covering water rates for the fiscal years 1903-1904 and 1908-1909, inclusive. My subsequent annual reports have shown the condition of the litigation between the Spring Valley Water Company and the City and County of San Francisco concerning water rates to the dates of said respective reports.

Since the submission of my last annual report, a decision has been rendered in the United States Circuit Court by Judge E. S. Farrington finally disposing of the first three cases brought by the Spring Valley Water Works, and its successor, the Spring Valley Water Company, which cases involved the ordinance rates for the years 1903-1904 and 1905-1906. This decision was rendered on October 21, 1911, and is reported in 192 Federal Reporter, page 137. As this is the first decision rendered upon final hearing in any of the cases involving the ordinances establishing water rates, and as it establishes many principles of law and questions of fact which are of permanent value in connection with the pending controversy between the City and the Spring Valley Water Company, and also in connection with any future litigation or negotiations with that company, it is my judgment that a copy of the same should be preserved in the municipal reports. I am therefore attaching a full copy of the opinion referred to, prefaced by a full index of the points decided in the decision, as an appendix to this report, and request that it be printed herewith.

Since the submission of my last report, another action has been commenced by the Spring Valley Water Company in the United States District Court for the Northern District of California, by which it is sought to restrain

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the enforcement of the ordinance fixing water rates for the fiscal year 1912-1913. On July 8, 1912, the Honorable Board of Supervisors adopted a resolution instructing me to submit the motion for preliminary injunction in this last case upon the sole question of the lack of jurisdiction of the United States District Court to entertain such suit. In accordance with the authority of that resolution, the motion for preliminary injunction in this last case was submitted on July 15, 1912, and an order made that the preliminary injunction issue as prayed for. The Court held that the United States District Court had jurisdiction of the action. I immediately took steps to appeal from this decision to the United States Circuit Court of Appeals for the Ninth Circuit, and it is expected that the case will be heard in that Court on Appeal during the October term of 1912. It has been decided by the United States Circuit Court of Appeals in two cases, known respectively as the Seattle case and the United Railroads case, that in cases somewhat similar to these rate cases the Federal Court has no jurisdiction. The point involved upon this appeal is whether or not actions seeking to restrain the enforcement of ordinances establishing water rates are so similar to the cases above referred to that the same rule applies. The District Court held that the cases were different in character, and the rule established in the Seattle and United Railroad cases does not apply to a rate case.

ACQUISITION OF WATER SUPPLY.

Two actions are pending before the Superior Court of Tuolumne County in which the City and County of San Francisco is a party defendant. One is an action to quiet title to the waters flowing into the Tuolumne River immediately west of the westerly boundary line of the Yosemite National Park and to restrain the City and County from the use or diversion of said waters. This action is brought by the National Park Electric Power Company upon the claim that it has a right to the use of these waters superior to that of the City. The other action is brought by the same company against the Tuolumne Water Supply Company and the City and County to quiet title to the waters of the Cherry River and to restrain the defendants from using or diverting said waters. The same claim is made that the plaintiff has a superior right to the use of said waters.

The same company applied to the Forestry Service for a right of way along the southerly bank of the Tuolumne River from the westerly boundary of the Yosemite National Park. This application was finally denied by the Secretary of Agriculture, June 30, 1912, after a hearing held in Washington, D. C., at which this office opposed the application. Permission was given to amend, but only as to the south and middle forks. The National Power Company, as successor in interest to the National Park Electric Power Company, then attempted to avail itself of this permission by filing an amended application. This was rejected by the Forestry Service, on the ground that such right as the National Park Electric Power Company had was not assignable. Permission was given to the latter company to file an amended application in accordance with the decision of the Secretary of Agriculture, of June 30, 1912. This company has filed an application identical with that of the National Power Company, and to this, the City has filed a protest on the ground, among others, that whereas permission was given by the Secretary of Agriculture to apply for rights only on the south and middle forks of the Tuolumne, that nevertheless application filed takes in the main Tuolumne and Cherry River as well.

The City has filed very complete reports and data with the Advisory Board of Army Engineers, in the matter of the order to show cause pending before the Department of Interior, with reference to the Hetch Hetchy permit for San Francisco. These comprehensive reports have been filed with the Advisory Board by the City Engineer, and the several consulting engineers for the City, to meet the requiremnts of this order to show cause. The report last filed is

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that of John R. Freeman, Consulting Engineer, showing the comprehensive plans of the City as to the proposed use and development of the Hetch Hetchy and Lake Eleanor valleys and water sheds. This was filed on July 15, 1912. On August 1, the City will file any remaining data necessary to complete its case. This office will on that date file a report on all outstanding water rights on the Tuolumne and Cherry Rivers and Eleanor Creek, with a statement as to how the City proposes to protect these adverse rights.

The objectors to the City's plans will then have an opportunity to present anything they may wish to offer. The City will then be given thirty days to reply, and the entire matter will be set for hearing in the city of Washington, D. C. probably some time during the month of November.

GAS RATE LITIGATION.

My last report contained an account of the settlement of the litigation theretofore pending between the San Francisco Gas & Electric Company and the Metropolitan Light & Power Company vs. the City and County of San Francisco to restrain the enforcement of ordinances affecting rates for lighting.

Since the submission of my last report the settlement therein referred to has been carried out and is now complete with the exception of the refund to a small portion of consumers whose addresses it has not yet been possible to ascertain.

The San Francisco Gas & Electric Company has protested against the ordinance recently adopted establishing lighting rates for the fiscal year 1912-1913, upon the ground that the rates so established are not adequate. This company has stated, however, in a communication to the Board of Supervisors that it does not propose to institute any suit to restrain the enforcement of that ordinance, but will await the result of the collection of rates thereunder before taking any further action.

TUNNEL ORDINANCES AND LITIGATION.

It is proposed to construct several tunnels to be used as public highways and for street railway purposes in the City and County of San Francisco, the most important of these being the Stockton Street Tunnel, the Fillmore Street Tunnel and the Twin Peaks Tunnel. It is intended to charge the cost of construction of these tunnels upon property benefitted thereby.

In the case of Gassner vs. McCarthy, it was held by the Supreme Court of this State that the charter provisions as they then stood, that is, prior to February 17, 1911, did not permit of the levying of the cost of the construction of tunnels upon private property. Subsequent to this case, the Charter was amended in two particulars. Chapter VIII was added to Article VI, and Section 33 was added to Chapter II of Article VI. Chapter VIII conferred upon the Board of Supervisors the power to construct tunnels and to levy the cost and expense thereof upon private property, subject to the proceedings, powers, restrictions and limitations of Chapter II of Article VI. Section 33 of Chapter II provides that the method of procedure in Article VI provided for the construction of tunnels, was not exclusive but that the Board of Supervisors may by ordinance substitute an ordinance, which may from time to time be revised or amended, providing a method of procedure for the construction of tunnels and the levying of assessments on private property, and also provides that in such ordinance the Board may make provisions for the payment of any assessment in annual installments covering a term not exceeding ten years.

Pursuant to Chapter VIII and Section 33 of Chapter II, the Board of Supervisors adopted Ordinance No. 1651, known as the Tunnel Ordinance. This office assisted and advised in the preparation of that ordinance, and gave a great deal of time and attention to it. The first use made of the ordinance was the

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institution of proceedings for the construction of the Stockton Street Tunnel. Those proceedings formed the basis of an attack upon the ordinance in the case of Mardis vs. McCarthy. The Superior Court of this City and County decided that the ordinance was valid and the case was appealed to the Supreme Court. The Supreme Court sustained the ruling of the lower Court, thereby upholding the ordinance. This office defended the ordinance in both Courts. The particular point of attack made on the ordinance was that Section 33 of Chapter II of Article VI is unconstitutional in conferring upon the Board of Supervisors the power to substitute an ordinance providing the method of procedure for the construction of tunnels. The case is valuable for two reasons. First, it allows the Board of Supervisors to adopt a procedure for the construction of tunnels and the levying of assessments on private property. Secondly, it lays down a rule of law which is very valuable in the formation of charters. Heretofore, it has been deemed necessary to set out minutely in the Charter the exact procedure to be followed in improvement of streets and the opening, extending and widening of the same. The decision in Mardis vs. McCarthy shows that this is entirely unnecessary; that all that need be done in the Charter is to confer upon the Board of Supervisors the power to extend under or improve streets and the power to levy the cost and expense thereof upon private property, leaving to the Board of Supervisors the power to adopt any method of procedure that the Board may deem expedient or necessary for carrying into effect the powers conferred. In the matter of the construction of tunnels the expense is very great. The Stockton Street Tunnel is the least expensive of any of the tunnels contemplated, yet the cost of this tunnel will exceed six hundred thousand dollars. The cost of the Twin Peaks Tunnel, the greatest of the schemes, may run up to over five million dollars. I know of no case where an assessment was ever levied on private property for a public improvement anywhere near so large as the assessments contemplated for the construction of tunnels in San Francisco.

In sustaining Chapter VII, and Section 33 of Chapter II, Article VI, the way is open for adopting a procedure which will permit the construction of tunnels and the levying of assessments on private property for the cost thereof, without unduly burdening the property owners whose property is assessed. This is accomplished through the installment plan of paying assessments. This plan roughly is as follows: When the assessment is levied against private property, the owner of the property is permitted to sign an agreement with the City by which the owner agrees to pay his assessment in any number of installments up to ten provided for in the resolution fixing the assessment. Against these property owners' agreements certificates are issued when needed, which are similar to street improvement bonds, certifying that there is due to the bearer, or the holder of the certificate, a certain sum of money payable out of a fund to be created by the payment of these installments by the property owners. The certificates bear interest and are redeemed as soon as there is in the fund created by the payment of the installments, a sufficient amount to redeem them, they being redeemed in the order of their issuance.

Proceedings have also been begun by the Board of Supervisors for the construction of the Fillmore Street and the Twin Peaks Tunnels. This office assisted and passed upon all the proceedings in these tunnel matters.

In the Stockton Street Tunnel it is not necessary to acquire rights of way and property for the construction of the tunnels, but in the Fillmore and Twin Peaks Tunnels it is necessary. It is proposed to submit to the voters at the next charter election, further amendments to the tunnel provisions of the Charter, rendering more easy and less cumbersome the acquisition of property and rights of way when necessary for the construction of tunnels.

Owing to this great cost of tunnels, it has been necessary to adopt protedures not heretofore tried. It has required continual study to find a method which is both constitutional and feasible; consequently, the work has pro-

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ceeded slowly, but the case of Mardis vs. McCarthy has pointed the way and unquestionably it will be possible to accomplish these highly important projects in the manner attempted. It is, however, very important that further changes and amendments be made in our Charter relating to the construction of tunnels, suggested by our past experience in working out the legal problems involved in these matters.

UNITED STATES CIRCUIT COURT OF APPEALS LITIGATION WITH THE UNITED RAILROADS OF SAN FRANCISCO.

On October 2, 1911, the United States Circuit Court of Appeals for the Ninth Circuit, rendered its decision in the case of the City and County of San Francisco vs. United Railroads No. 1922, in which decision it was held that the United States Circuit Court had no jurisdiction of the cause of action set forth in the bill of complaint in that action. The opinion referred to is reported in 190 Federal Reporter, page 507. Subsequent to the rendition of the above opinion, the United Railroads of San Francisco filed with the Supreme Court of the United States its petition for a writ of certiorari directed to the United States Circuit Court of Appeals, for a review of said decision. This latter petition was submitted to the United States Supreme Court upon briefs filed by the United Railroads of San Francisco and by my office on behalf of the City and County of San Francisco, and the petition was denied by the United States Supreme Court in June, 1912. Subsequent to the filing of this petition, the mandate from the United States Circuit Court of Appeals directed to the United States District Court for the Ninth Circuit, was filed in the latter Court, and the action was dismissed in accordance with the terms of said mandate.

CITY AND COUNTY OF SAN FRANCISCO VS. STATE BOARD OF CONTROL.

In 1909, proceedings were instituted under Chapter III of Article VI of the Charter, to lower the grade of Beale Street between Folsom and Bryant Streets. This change of grade on Beale Street was necessitated by the fact that Beale Street between Folsom and Bryant Streets rose at a very sharp grade. Beale Street is the principal thoroughfare connecting the northern portion of the wholesale district of San Francisco with the southern portion of the city, in which the Harbor Commissioners are constructing large and expensive docks, and the railroad companies have their principal warehouses and terminals.

The expense of this change of grade was assessed upon private property benefitted thereby. Among the property assessed, was a portion of "Seawall Lot No. 20" belonging to the State of California, and under the jurisdiction and control of the Harbor Commissioners. The assessment on this lot was Eleven Thousand Four Hundred Thirty-three and 82/100 ($11,433.82) Dollars. The Board of Harbor Commisioners recognized the claim of the City for this assessment and drew a draft on the State Controller for the amount of the assessment. In due course, the draft came before the State Board of Control for the approval of that Board. Under an opinion from the Attorney General, the State Board of Control disallowed the claim of the City upon the ground that it was not constitutional for the City to assess state property for local improvements.

A suit was commenced by this office in the Superior Court of the City and County of San Francisco, praying that a writ of mandamus issue against the State Board of Control compelling that Board to audit and allow the claim of the City for the assessment. It is the contention of this office that vacant and unused property belonging to the State, and which is not devoted to a public or governmental use, and is not intended to be so devoted, is subject to an assessment for local improvements. The case is important, not only because

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of the improvement of Beale Street, but also because of contemplated other improvements, the cost of which will be assessed against private property, and which improvements will benefit to a large extent the property under the jurisdiction and control of the State Board of Harbor Commissioners. A demurrer was filed by the Attorney General to the complaint for a writ of mandamus. Judge Seawell of Department 1 of the Superior Court of this City and County, overruled the demurrer of the Attorney General, thereby sustaining the contention of this office. An answer has been filed to the complaint, raising an issue of fact as to the physical condition of "Seawall Lot No. 20." It is asserted by the Attorney General that "Seawall Lot No. 20" is a part of San Francisco Harbor, and that therefore under the rule that tide lands of the State cannot be alienated, but are forever devoted to public use, the property is not vacant and unused property, but is subject to those rights of the public existing in tide lands. Upon the demurrer this same point was raised by the Attorney General. This office took the position that "Seawall Lot No. 20" was no longer tide lands, but by the action of the legislature in creating and establishing a seawall, "Seawall Lot No. 20" had lost its character of tide lands and therefore was of the same character as any unimproved vacant land of the State. The effect of overruling the demurrer by Judge Seawell, is that if the facts are as set forth in the City's complaint, "Seawall Lot No. 20" may be assessed for the improvement of Beale Street.

The case has been set for August 15 of this year, and that issue of fact will be tried. I have every confidence that the facts are as alleged in the complaint, and the Court having decided upon the demurrer that the law is that vacant and unused lands belonging to the State, although once constituting tide lands, may be assessed, I believe the City will succeed in its action. Meanwhile, the work of lowering the grade of Beale Street has proceeded and is practically completed. The Board of Supervisors has set aside temporarily a sufficient amount of money to cover the shortage in the fund for the improvement of Beale Street caused by the failure of the State to pay its assessment.

TAX CASES.

During the past fiscal year there have been tried two important classes of tax cases, namely:

1st: Cases in which was involved the question as to whether or not the suspension of the dollar limit for the year 1911-1912 was a proper suspension. The point involved in these cases was a technical point as to the exact form in which the suspension had been made, and the question as to whether or not the unanimous consent of eighteen supervisors was necessary for the suspension of the dollar limit. The case of San Christiana Investment Company vs. City and County of San Francisco, a typical case of this type, was decided in favor of the City and is now on appeal to the Supreme Court of this State.

2nd. Cases in which was involved the question as to whether or not taxes paid in 1907, but not paid under protest, should be recovered. In these cases a demand for recovery was made to the Supervisors but the Supervisors have not acted upon this demand. One of these cases, to-wit, the case of..... vs. City and County of San Francisco, was decided in favor of the City by His Honor Judge Seawell. Another one of these cases is now pending before his Honor Judge Sturtevant. This is the case of Otis vs. City and County of San Francisco.

ACTION FOR CONDEMNATION OF LANDS FOR THE PURPOSES OF THE CITY HALL AND CIVIC CENTER.

City and County of San Francisco vs. Albert Abrahams et al No. 41542. Department No. 1.

This action was commenced on the first day of April, 1912. The complaint,

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consisting of 60 pages of printed matter, describes 97 parcels of land and names 154 different parties defendant.

Included in this action were all of Western Addition Blocks 2, 3, 4, 5, 66 and 67, one lot each in Western Addition Blocks 65 and 68, and one lot in 50 Vara Block No. 316. Also 54 City Hall lots in the blocks lying northeasterly and southwesterly of Marshall Square. Subsequent to the commencement of the action, at the direction of the Board of Supervisors, a dismissal was entered as to the northerly half of Western Addition Block No. 5, the same being that portion of the block bounded by Golden Gate Avenue, Larkin Street, Redwood Street and Polk Street.

The work of preparing this action was completed within one week's time and required a great deal of detail investigation and work. A search of the titles to the different lots of land was evenly distributed among all of the Title Companies doing business in the City and County of San Francisco.

SUPREME COURT OF THE UNITED STATES.

Harry I. Mulcrevy et al vs. The City and County of S. F. No. 872. October term, 1911. Nov. 1911, citation served.

UNITED STATES DISTRICT COURT.

NINTH JUDICIAL CIRCUIT—SECOND DIVISON.

ACTIONS PENDING IN.

Spring Valley Water Co. vs. City and County of S. F. No. 14275—Injunction to restrain enforcement of Ordinance No. 181 (N. S.), fixing water rates for year 1907-1908. Injunction pendente lite granted.

Spring Valley Water Co. vs. City and County of S. F., No. 14735—Injunction to restrain enforcement of Ordinance No. 486 (N. S.), fixing water rates for year 1908-1909. Injunction pendente lite granted.

Spring Valley Water Co., vs. City and County of S. F. et al. No. 14892—Injunction to restrain enforcement of Ordinance No. 761 (N. S.), fixing water rates for year 1909-1910. Temporary restraining order granted.

Spring Valley Water Co. vs. City and County of S. F. No. 15131—Injunction to restrain enforcement of Ordinance fixing water rates for year 1910-1911. Temporary restraining order granted.

Spring Valley Water Co. vs. City and County of S. F. No. 15344—Action to restrain enforcement of water rates for fiscal year 1911-1912. Temporary restraining order issued June 28, 1911.

Spring Valley Water Co. vs. City and County of San Francisco No. 15569—Action to restrain enforcement of water rates for fiscal year 1912-1913. Injunction pendente lite granted July 15, 1912. On appeal to United States Circuit Court of Appeals, Ninth District.

Moss & Co. vs. P. H. McCarthy, Mayor, et al. No. 15332—Complaint for injunction restraining Ordinance No. 1528 (N. S.) or Bucket Shop Ordinance, June 5, 1911, copies of complaint and summons received. Order to show cause submitted.

Bank of California vs. City and County of S. F. No. 13902—To recover $12,375 taxes paid under protest. April 8, 1910, City's answer filed and served.

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Pacific States T. & T. Co. vs. Edward J. Smith, Tax Collector, etc., No. 13427—Injunction to restrain collection of taxes. Order to show cause made and restraining order issued. Order to show cause off calendar.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13246—Injunction to restrain collection of taxes. Answer filed. Injunction pendente lite granted. Time to take testimony extended.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13409—Injunction to restrain collection of taxes. Order to show cause argued and submitted. Injunction pendente lite granted August 8, 1904.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13603—Injunction to restrain collection of taxes. Order to show cause argued and submitted. Injunction pendente lite granted August 8, 1904.

Wells Fargo & Co. vs. Joseph H. Scott, Tax Collector, etc. No. 13101—Injunction to restrain collection of taxes. Answer filed. Injunction pendente lite granted. Time to take testimony extended.

Wells Fargo & Co. vs. Edward J. Smith, Tax Collector, etc. No. 13773—Injunction to restrain collection of taxes. Restraining order issued. Order to show cause off calendar.

Wang Sing, Chin Gin, Pong Lee and Chin Sing, etc., vs. City and County of S. F. etc. No..... For injunction against interference by police. March 30, 1912, bill of complaint received. May 8, 1912, replication to answer received.

UNITED STATES DISTRICT COURT.

NINTH JUDICIAL CIRCUIT—SECOND DIVISION.
ACTIONS DETERMINED IN.

Spring Valley Water Works vs. City and County of S. F. No. 13395—Injunction to restrain enforcement of Ordinance No. 661, fixing water rates for year 1903-1904. Ordinance held unconstitutional.

Spring Valley Water Co. vs. City and County of S. F. No. 13598—Injunction to restrain enforcement of Ordinance No. 1155, fixing water rates for year 1904-1905. Ordinance held unconstitutional.

Spring Valley Water Co. vs. City and County of S. F. No. 13756—Injunction to restrain enforcement of Ordinance No. 1433, fixing water rates for year 1905-1906. Ordinance held unconstitutional.

SUPREME COURT OF CALIFORNIA.

ACTIONS PENDING IN.

City and County of S. F. vs. Metropolis Trust and Savings Bank. No. 5269. —To enforce collection of license tax on bank judgment for defendant. Superior Court. Transcript on appeal filed.

City and County of S. F. vs. Metropolis Trust & Savings Bank No..... —Action to recover bankers' license tax. Judgment for defendant. Notice of appeal served and filed. Transcript due.

Nellie Armstrong vs. City and County of S. F. No. 4406—Injunction to restrain removal of building on Willard Street and for $2,000 damages. Judgment for plaintiff, Superior Court, without damages. Notice of appeal filed, June 28, 1909.

City and County of S. F. vs. Edward Hyatt etc. No..... Petition for mandamus against State Superintendent of Schools to compel apportionment of school funds to S. F. for school year 1912-1913. Sept. 11, 1911, petition filed in Supreme Court and transferred to the District Court of Appeal for the First Appellate District. Oct. 2, 1911 writ issued by the District Court of Appeal as prayed for. Dec. 1, 1911, petition for hearing in Supreme Court granted. Jan. 15, 1912, argued and submitted in Supreme Court.

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SUPREME COURT OF CALIFORNIA.

ACTIONS DETERMINED IN.

Walter A. Cook et al. vs. Civil Service Commissioners, S. F. No. 5724—Petition for writ of review of Civil Service examinations for Battalion Chief Fire Department. Writ issued as prayed in second and third counts in Superior Court. Appealed in District Court of Appeal. Sept. 14, 1910, appeal dismissed by District Court of Appeal on motion. Oct. 14, 1910, motion of City Attorney to reinstate appeal denied by District Court of Appeal. Nov. 10, 1910, petition for hearing in Supreme Court granted. Aug. 21, 1911, motion to dismiss denied, judgment reversed.

Margaret M. Steuart vs. Board of Education S. F. No. 5471—Action to restrain enforcement of rule regarding residence of teacher. Appeal taken from order overruling demurrer to complaint. Nov. 17, 1911, rehearing denied.

DISTRICT COURT OF APPEAL OF CALIFORNIA,

FIRST APPELLATE DISTRICT.

ACTIONS DETERMINED IN.

Abraham Brown vs. David Bush, etc. No. 6551—Mandamus to issue license for nickleodeon. Petition granted, Superior Court. Transcript on appeal filed Aug. 21, 1911. Dismissed without prejudice.

Doris Bradford vs. Board of Education, D. C. A. No. 969—Action to compel admission of pupil to High School and to test High School Fraternity Law. Judgment of dismissal in Superior Court, March 9, 1911. Petition for rehearing Supreme Court denied.

Daniel O'Connell vs. John R. Behan—Transferred to District Court of Appeal from Supreme Court. Petition for writ of mandate to compel holding of election for acquisition of public utilities. Petition denied in Superior Court, May 20, 1912, Judgment affirmed.

Rebecca Cohrn vs. Percy L. Henderson et al.—D. C. A. No. 967—Petition for writ of mandate to compel payment to plaintiff and respondent of sum of $1,000 out of Police Relief and Pension Fund granted by Superior Court, May 17, 1912. Judgment for defendants.

SUPERIOR COURT.

ACTIONS PENDING IN.

B. J. Goldman Co. vs City and County of S. F., No. 3961—To recover $494.75 for goods alleged to have been seized by soldiers June 28, 1911. Briefs on motion for non-suit submitted.

Konrad Kober vs. City and County of S. F., No. 3962—To recover $1,074.90 for goods alleged to have been siezed by soldiers Dec. 14, 1909. Answer filed and served.

George Fisher et all vs. City and County of S. F., No. 8076—To recover $6,000 for goods alleged to have been seized by rioters. Answer filed June 9, 1911, motion to dismiss for want of prosecution argued and submitted.

Ermini Lercari vs. City and County of S. F., No. 7767—To recover $1,966 for damages alleged to have been caused to property by mob. Ordered off calendar. June 9, 1911, motion dismissed for want of prosecution argued and submitted.

Joseph Lercari vs. City and County of S. F., No. 7768—To recover $6.705 for damages alleged to have been caused to property by mob. Ordered off calendar. May 5, 1911, motion to dismiss for want of prosecution served and filed.

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C. Franceschini vs. City and County of S. F., No. 9068—To recover $3,869 for goods alleged to have been destroyed by mob. Answer filed. June 9, 1911, motion to dismiss for want of prosecution argued and submitted.

G. Massoletti vs. City and County of S. F., No. 9069—To recover $8,500 for goods alleged to have been destroyed by mob. Answer filed. June 9, 1911, motion dismissed for want of prosecution argued and submitted.

Wells Fargo Nevada National Bank of S. F. vs. City and County of S. F., No. 263—To recover $40,750 taxes paid under protest. Demurrer filed. Stipulation that action await determination in Crocker vs. Scott, Sept. 17, 1909. Demurrer submitted.

Charles Cramer vs. City and County of San Francisco, No. 3392—To recover $5,211 damages for personal injuries. Demurrer filed and submitted.

Chin Kin You vs. City and County of S. F., No. 4630—To recover $8,300 deposited as bail money in Police Court. Answer filed. Set for hearing.

Germania National Bank vs. City and County of S. F., No. 9410—To recover $4,024.88 taxes paid under protest. May 20, 1907, demurrer served and filed.

Margaret Mahoney vs. Board of Public Works, No. 13898—Action to restrain construction Free Public Market on school lot. Demurrer ready for hearing.

Wells Fargo & Co. vs. City and County of S. F., No. 9142—To recover taxes paid under protest. Answer due.

City and County of San Francisco vs. Sarah J. Dorn, No. 6947—Ejectment to recover possession of lot running westerly along monumental line of Sacramento Street as laid down by Board of Engineers in 1866, 139½ feet; thence at right angles northerly 24 feet; 4¼ to north line of Sacramento Street; thence at right angles easterly 139½ feet to west line of Battery Street, and thence at right angles southerly 24 feet 6¼ to point of commencement. Motion to dismiss granted as to defendants N. A. Dorn and S. J. Dorn on January 14, 1910.

City and County of San Francisco vs. Alliance Assurance Co., No. 6172—To recover $4,000 on insurance policy in favor of Board of Education. Complaint filed. Summons issued.

George S. Crim et al. vs. City and County of S. F., No. 4462—to recover taxes paid under protest. February 28, 1910, City's answer filed, April 24, 1911. Order made re-assigning cause to Extra Sessions No. 4.

Samuel M. Crim vs. City and County of S. F., No. 11787—To recover taxes paid under protest. February 28, 1910, City's answer filed, April 24, 1911. Order made re-assigning cause to Extra Sessions No. 4.

E. S. Merriam vs. City and County of S. F., No. 11786—To recover taxes paid under protest. Feb, 28, 1910, City's answer filed. Cause transferred to extra session No. 4 by stipulation and set for hearing on May 8, 1911.

Irene D. Reeves vs. Board of Education No. .....—To recover sum of $1,400 alleged to have been due as salary. Copy of papers and order restoring same received.

A. Ferroggiaro vs. Board of Public Works No. 11923—Injunction to restrain removal of windmill. Cause set for trial.

G. H. Gist vs. Board of Public Works No. 12756—Injunction to restrain interference with completion of building. Nov. 8, 1907, demurrer filed.

People of State of California vs. Gray Bros., No. 14468—Action to restrain defendants from blasting on Telegraph Hill. Defendants' answer due. Temporary injunction granted.

Board of Education vs. H. N. Berthiaumne et al. No. 15536—To recover damages for breach of contract to remove Girls' High School debris. Demurrers ready for hearing.

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Chas. Nonneman vs. Board of Health et al. No. 16276—Injunction to restrain enforcement of Health Ordinance. Motion to vacate injunction denied. June 7, 1909.

John Hunt vs. Board of Health et al. No. 16285—Injunction to restrain enforcement of health ordinance. Demurrer to complaint filed.

J. F. Ferry et al. vs. City and County of S. F., No. 16327—Injunction to restrain enforcement of health ordinance. Answer filed.

George Geiman vs. City and County of S. F., No. 15776—To recover salaries of policemen for vacancies of 1906. Demurrer off calendar.

Metropolitan Redwood Lumber Co. vs. City and County of S. F., No. 17156—To recover $310.62 taxes paid under protest. May 3, 1911, off calendar.

Purity Spring Water Company vs. William Ophuls et al. No. 18021—Complaint for injunction against interference with certain building. Complaint and summons received. Defendant's answer due.

J. A. Bergerot vs. City and County of S. F., No. 17587—To recover taxes paid under protest, amount $1,598.86. Complaint and summons received. City's answer due.

Mutual Savings Bank of S. F., vs. City and County of S. F., No. 17910—Action to recover $70,067.31 paid under protest. Demurrer overruled. City's answer due.

Jerome B. Coy vs. City and County of S. F., No. 21182—Complaint for injunction against intereference with certain stable. Demurrer to complaint filed, March 17, 1909.

W. D. Hobro vs. City and County of S. F., No. 21722—Complaint for injunction against interference with certain buildings.

William Wolf vs. Board of Health et al. No. 22171—Injunction to restrain Board of Health from interfering with certain building. Complaint and summons received. City's answer due.

City and County of S. F., vs. Harry I. Mulcreavy et al. No. 22839—Action to collect on official bond in re naturalization fees. Demurrer of defendants filed.

City and County of S. F., vs. Central Trust Co. No. 22700—Action to collect license tax. Demurrer to complaint filed, May 12, 1909.

Michael J. Brook vs. Board of Education et al. No. 22841—Mandamus to reinstate teacher. June 4, 1912, tried and submitted. June 12, 1912, Notice of motion to set aside submission of case and for order permitting defendant to amend their answer filed.

Commercial News Publishing Co. vs. City and County of S. F., No. 22286—Complaint for services for printing. Complaint and summons received. City's pleading due.

City and County of S. F. vs. Swiss-American Bank Co. No. 22557—Action to collect $301 tax or license fee. Demurrer to complaint filed.

City and County of S. F. vs. Bank of San Francisco No. 22558—Action to collect $301 tax or license fee. Complaint filed and summons issued. Defendant's answer received. Ready for trial.

United R. R. of S. F., vs. City and County of S. F., No. 244—Action to recover $344,018.71 taxes paid under protest. Pleading due.

Albert A. Armstrong vs. School District, etc. et al. No. 23367—Writ of mandate for reinstatement in public schools. Answer to amended complaint filed Sept. 20, 1910.

Daniel Roth et al. vs. Board of Health, etc. et al. No. 23330—Action for injunction against interference with certain packing house building. Pleading due.

Jessis W. Robson Chinn et al. vs. William Ophuls, et al No. 23575—Action to restrain enforcement of health ordinances. Pleading due.

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Sunset City Laundry etc. vs. Board of Public Works No. 23514—Action for injunction to restrain arrest in re boiler permit. Demurrer to amend complaint sustained Jan. 5, 1910.

M. Gianciolo, et al. vs. City and County of S. F., et al. No. 23553—Action to restrain enforcement of health ordinance. Demurrer to complaint filed.

Robert L. Turner et al. vs. Board of Health et al. No. 23782—Restraining order against interference with an alleged nuisance. Complaint and order to show cause served. Pleading due.

Benjamin H. Lichtenstein vs. City and County of S. F., No. 17487—To recover the sum of $3,875.12 taxes paid under protest. Copy of complaint and summons received. Pleading due.

F. M. McAuliffe vs. City and County of S. F., No. 17619—Action to recover taxes paid under protest. Copy of complaint and summons received. Jan 17, 1910. Supplemental complaint received. Pleading due.

California Title Insurance and Trust Co. vs City and County of S. F., No. 17690—Action to recover taxes paid under protest. City's answer due.

California Casket Co. vs. City and County of S. F., No. 17691—Action to recover taxes paid under protest. City's answer due.

San Francisco Savings Union vs. City and County of S. F., No. 17724—Action to recover taxes paid under protest. Pleading due. Feb. 15, 1911. Answer filed.

Wells Fargo & Co. vs. City and County of S. F., No. 17700—Action to recover taxes paid under protest. City's answer due.

Eleanor Martin vs. City and County of S. F., No. 17785—Action to recover taxes paid under protest. Copy of summons and complaint received. Answer filed Nov. 9, 1909. Ready for trial.

Edward J. LeBreton vs. City and County of S. F., No. 17801—Action to recover taxes paid under protest. Copy of summons and complaint received. Pleading due.

The People of the State of California vs. Gray Bros. etc., No. 18526—Action to restrain blasting at 13th and Diamond Streets. Answer of defendants filed. Injunction pendente lite granted Feb. 9, 1909.

Fred. M. Pickering vs. City and County of S. F., No. 17871—Action to recover $10,255.82 taxes paid under protest. Complaint and summons served on Mayor Dec. 13, 1910. City's answer due.

W. P. Laufenberg vs. City and County of S. F., No. 17872—Action to recover $231.42. Complaint and summons served. Pleading due. Dec. 13, 1910, City's answer filed.

John McElenney vs. City and County of S. F., No. 18655—Mandamus to compel purchase of property for childrens' playground. Petition and alternative writ of mandate received. City's answer due.

George A. Shaw vs. City and County of S. F., No. 18767—Action for injunction against interference with a certain stable. Mar. 30, 1912. Answer of defendant served and filed.

Mary J. C. McDonald vs. Jerome Kendall et al. No. 16755—Complaint to foreclose mortgage. Answer of City and County filed Feb. 5, 1910.

Emile D. Mori vs. City and County of S. F., No. 17948—Action to recover $337.32 taxes paid under protest. Copy of complaint and summons received. Pleading due.

Emile D. Mori vs. City and County of S. F., No. 17912—Action to recover $3,505.51 taxes paid under protest. Copy of complaint and summons received.

The Bank of California vs. City and ounty of S. F., No. 17408—Action to recover $9,149.12 taxes paid under protest. Copy of complaint and summons received. Answer filed Apr. 8, 1910.

The Bank of California vs. City and County of S. F., No. 13902—Action to recover $12,375 taxes paid under protest. Copy of complaint and summons received. Answer filed Apr. 8, 1910.

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Sharon Estate vs. City and County of S. F., No. 17705—Action to recover $2,222.80 taxes paid under protest. Copy of complaint and summons received. Answer filed, Mar. 2, 1910.

City and County of S. F., vs. Charles A. Bantel and The Aetna Indemnity Co., No. 20711—Action to recover $66,500 received as Treasurer for City. Answer of defendant Bantel filed. Motion to advance cause on calendar pending.

Henry Root vs. City and County of S. F., No. 23030—Complaint for injunction restraining defendants from proceeding with the sale of Water Supply Bonds. May 17, 1909, copies of complaint, summons and restraining order received. Restraining order dissolved. Oct. 28, 1909, defendants' answer filed. Ready for trial.

James Warren vs. City and County of S. F., et al. No. 23945—Petition for writ of injunction restraining Board of Health from interfering with alleged nuisance. July 2, 1909, complaint, summons and order to show cause received. City's pleading due.

United Railroads of S. F. vs. E. R. Taylor, Mayor et al. No. 23982—Petition for injunction restraining defendants from removing switch at Post and Market Streets. July 8, 1909, complaint received. Demurrer of City sustained. Amended complaint received Sept. 2, 1909. Answer filed Sept. 27, 1909. Ready for trial.

W. A. Bowie vs. Board of Health et al. No. 24238—Action for injunction restraining defendant from interfering with alleged nuisance. July 21, 1909, complaint, summons and order to show cause received. Pleading due.

Robert Hartshorne et al. vs. Ida Fletcher Norton et al. No. 23440—Petition for partition and sale of water lot No. 752. July 21, 1907, complaint received. City had no interest although a defendant.

Ellen Sutton vs. A. L. Bragg et al. No. 24262—Petition for injunction and damages for injury to property because of alleged faulty sewer construction. July 22, 1909, complaint and summons received Aug. 2, 1909. Demurrer of Board of Public Works filed, April 2, 1909.

Grace Cathedral Corporation vs. David Bush, etc. et al. No. 24386—Injunction against Tax Collector and Recorder in re tax sale of portion of 50 Vara Lot No. 1075. Complaint received. Answer filed Oct. 2, 1910.

Michael J. Conboy vs. Board of Police Commissioners, etc. et al. No. 24423—Petition for writ of review of action of Police Commissioners in dismissing petitioner from Police Department. July 20, 1909, petition and alternative writ received. Demand of fees from plaintiff for certifying to records served. Pleading due.

O. M. Robinson vs. Wm. Ophuls etc. et al. No. 24795—Action to restrain interference by Board of Health with alleged nuisance. Aug. 24, 1909, complaint, summons and restraining order received. Order reviewed. Pleading due.

Thomas A. Allen vs. Byron Jackson Iron Works, etc. et al. No. 25454—Action to restrain payment for work done on Fire Boat. Sept. 24, 1909, copy of complaint, summons and order to show cause received. Nov. 3, 1909, answer of Byron Jackson Works received. Other pleadings due.

City and County of S. F., vs. Spring Valley Water Co. etc. et al. No. 25685—Action brought to compel defendant to give adequate water service. Oct. 4, 1909, complaint filed, summons issued. Amended petition filed April 21, 1910. Defendant's pleading due.

Louis Lercari vs. Board of Health, etc. et al. No. 23745—Injunction to restrain Board of Health from infering with premises of plaintiff. Oct. 7, 1909, complaint and summons received. Demurrer filed, submitted. Injunction pendente lite granted Dec. 15, 1909.

Wm. Carlin & Lee King vs. Wm. Ophuls, etc. et al. No. 25806—Injunction against interference with alleged nuisance. Oct 9, 1909, complaint, summons

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and restraining order received. Dec. 15,1909, injunction pendente lite granted upon filing bond.

Alexander Boyd Estate vs. Board of Health, etc. No. 26019—Injunction against interference with alleged nuisance. Oct. 25, 1909, complaint, summons and alternative writ received. City's pleading due.

D. O. Sullivan et al. vs. D. E. Condon et al. No. 26132—Action to foreclose lien on Washington Grammar School. Nov. 3, 1909, copy of complaint and summons received. Dec. 9, 1909, answer filed. Ready for trial.

Nunce Benjamin vs. Wm. Ophuls, etc. et al. No. 26201—Injunction to restrain Board of Health from interfering with alleged nuisance. Nov. 3, 1909, copy of complaint, summons and restraining order received. Pleading due.

Water Front Realty Co. vs. Board of Health etc. No. 25889—Injunction restraining defendants from interfering with alleged nuisance. Oct. 24, 1909, complaint, summons and restraining order received. Demurrer of defendant's overruled. Answer due.

L. M. Schuch vs. The School District et al. No. 27157—Petition for writ of prohibition against suspending plaintiff from the school department. Dec. 28, 1909, a copy of complaint and alternative writ of prohibition received. Jan. 8, 1910, demurrer served and filed.

City and County of S. F., vs. Charles A. Bantel and Etna Indemnity Co. No. 27259—Action to recover $90,000 received by defendant Bantel as Treasurer and unaccounted for by him. Dec. 30, 1909, complaint and summons issued. June 3, 1910, ready for trial.

Edwin Schwab vs. City and County of S. F., No. 27258—Action to recover $600 Bankers' license paid under protest. Dec. 31, 1909, copy of complaint and summons received. Pleading due.

City and County of S. F., vs. Giacomo Varni et al. No. 27907—Action to condemn piece of land for sewer right of way. Feb 4, 1910, complaint filed and summons issued. May 23, 1910, answers of various defendants received. Ready for trial.

City and County of S. F. vs. John A. Koster and Title Guaranty and Surety Co. etc., No. 28617—Action to recover $1,575 alleged excess of salary paid to Secretary of Police Commissioners. March 17, 1910, complaint filed and summons issued. Defendant's answer due.

Roth, Blum & Co. vs. David Bush, Tax Collector, No. 29907—Action to restrain Tax Collector from collecting license tax imposed by Ordinance No. 778 of slaughterers of live stock. April 6, 1910, complaint, summons and restraining order received. June 3, 1910, demurrer submitted.

People of the State of California, etc. vs. Sutter St. Railway Co. etc. No. 29027—Action to declare forfeited franchise of the Sutter St. Railway Co. to use outer tracks on Market St. Sept. 21, 1911. Judgment rendered for plaintiff June 7, 1912. Motion for a new trial argued and submitted.

Wells Fargo & Co. vs. City and County of S. F., No. 29773—Action to recover $1,500.30 taxes paid under protest. June 14, 1910, a copy of complaint and summons received. City's pleading due.

L. Brand vs. P. H. McCarthy et al. No. 30393—Action to restrain carrying out Resolution of Intention to construct Stockton Street Tunnel. July 5, 1910, copy of summons and complaint received. Pleading due.

Hunt, Hatch & Co. (a corporation) vs. George L. Eaton, et al. No. 30182—Action to restrain Board of Health from interfering with plaintiff's property July 7, 1910, complaint, summons and order to show cause received. Pleading due.

The United States Trust Co. vs. Wm. H. Randall et al. No. 26671—Action to quiet title and for partition of certain real property. July 20, 1910, complaint and summons received. Ready for dismissal as against City.

City and County of S. F. vs. Harry I. Mulcreavy et al. No. 31037—Action to recover naturalization fees collected and retained by defendant during year

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1909. Aug. 10, 1910, complaint served, summons issued. Sept. 14, 1910, demurrer of defendants received.

Edwin Schwab vs. City and County of S. F., No. 17624—Action to recover taxes paid under protest. Mar. 7, 1912. Submitted on briefs.

Edwin Schwab vs. City and County of S. F., No. 17633—Action to recover taxes paid under protest. June 12, 1912. Submitted on briefs.

Edwin Schwab vs. City and County of S. F., No. 17688—Action to recover taxes paid under protest. Mar. 7, 1912. Answer served and filed.

Edwin Schwab vs. City and County of S. F., No. 17626—Action to recover taxes paid under protest. Mar. 7, 1912. Submitted on briefs.

Edwin Schwab vs. City and County of S. F., No. 17779—Action to recover taxes paid under protest. May 25, 1912, Judgment rendered for plaintiff June 14, 1912. Notice of appeal served and filed.

Edwin Schwab vs. City and County of S. F., No. 1778—Action to recover taxes paid under protest. Aug. 8, 1910, copies of complaint and summons received. Aug. 11, 1910, appearance of City filed.

Areta Moore vs. City and County of S. F., No. 17825—Action to recover taxes paid under protest. May 25, 1912. Judgment rendered for plaintiff June 6, 1912. Bond on appeal filed.

Grace Cathedral Corporation vs. David Bush No. 24386—Complaint for injunction to enjoin sale of property for first payment of taxes. July 29, 1910, copies of complaint and summons received. Oct. 3, 1910, answer served and filed.

Coliseum Amusement Co. vs. Michael Casey et al. No. 31455—Complaint for injunction against interference by the Board of Public Works with the construction of plaintiff's building. Sept. 3, 1910, copies of complaint, summons and order to show cause and restraining order received. Sept. 20, 1910, demurrer served and filed.

Annie Reynolds vs. City and County of San Francisco No. 31516—Action for $3,000 damages. Sept. 12, 1910, copies of complaint and summons received. Sept. 28, 1911, City's answer served and filed.

B. E. Bassford vs. Board of Police Commissioners et al. No. 32042—Complaint for injunction against Police Commissioners revoking auctioneer's permit. Oct. 4, 1910, copies of complaint and summons and restraining order received. Dec. 7, 1910, order to show cause and restraining order set aside.

Rose Pignaz vs. City and County of San Francisco No. 32576—Complaint for injunction to restrain defendants from interfering with and abolishing plaintiff's building. Nov. 10, 1910, copies of complaint, summons, and order to show cause and restraining order received. Order to show cause off calendar. Pleading due.

Judson Estate Company vs. City and County of San Francisco No. 17675—Complaint to recover $1,091.68 taxes paid under protest. November 17, 1910, copies of summons and complaint received. Jan. 28, 1911, City's appearance filed. Pleading due.

California Fruit Canners' Association, a corporation, vs. City and County of San Francisco No. 17895—Action to recover taxes paid under protest. November 23, 1910, copy of amended complaint received. Pleading due.

Louis Greenbaum vs. City and County of San Francisco No. 17953—Action to recover taxes paid under protest. Nov. 23, 1910, copies of complaint and summons received. Pleading due.

Equitable Light and Power Company, a corporation, vs. City and County of San Francisco No. 32861—Complaint for injunction to restrain defendants' from interfering with plaintiffs' laying of steam pipes and conduits in streets. Nov. 28, 1910, copies of complaint aid summons and restraining order received. March 11, 1911, answer served and filed. Case ready for trial.

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City and County of San Francisco vs. All Persons No. 27011—Action under McEnerney Act to establish title of the City and County of San Francisco to three hundred and ninety-four parcels of land. Dec. 29, 1910, complaint filed and summons issued, affidavit filed and lis pendens recorded. Answers of Burnett Building and Loan Association, August Busse, Bernard Gibbons and Spring Valley Water Company on file. Case ready for hearing.

G. Mazucchi et al. vs. Board of Health No. 33778—Complaint for injunction restraining defendants from interfering with plaintiff's property. Jan. 24, 1911, copies of complaint and summons received. City's pleading due.

City and County of San Francisco vs. Harry I. Mulcreavy and Empire State Surety Company No. 38872—Action to recover naturalization fees collected by defendant Mulcreavy during the year 1910, amounting to $2782.50. January 30, 1911, complaint filed summons issued. Feb. 9, 1911, demurrer of defendants to complaint received.

Maggie Moosie vs. George E. Eaton No. 33946—Complaint for injunction restraining defendants from tearing down plaintiff's building as a nuisance. Feb. 2, 1911, copies of complaint and summons and restraining order received. Pleading due.

Konrad Jung et al. vs. George E. Eaton No. 34471—Complaint for injunction for restraining defendants from condemning and interfering with plaintiff's property. March 2, 1911, copies of complaint and summons and restraining order received. Pleading due.

City and County of San Francisco vs. Margaret Keefe et al. No. 34790—Action in ejectment to recover possession of lot on west line of Kentucky Street 100 feet south of 20th Street. March 22, 1911, complaint filed and summons issued. May 4, 1911, default of defendant entered.

Peter J. Finley vs. City and County of San Francisco No. 34683—Complaint for injunction restraining defendants from lowering grade on Beale Street, between Folsom and Harrison Streets. March 8, 1911, copies of amended complaint and notice of motion for injunction received.

Bernard Gibbons vs. John Shipley et al. No. 34661—Complaint to quiet title and correct description of plaintiff's properties. April 8, 1911, copies of complaint and summons received. April 14, 1911, City's answer served and filed.

City and County of San Francisco vs. Pacific Telephone and Telegraph Co. No. 35751—Action to collect $502 license taxes due under Ordinance No. 781. Dec. 4, 1911, notice of entry of judgment for defendant received. Feb. 4, 1912. Transcript on appeal served and filed.

Frank L. Parker vs. City and County of S. F., No. 35746—Complaint to recover taxes paid under protest. May 18, 1911, copy of complaint and summons received. Pleading due.

Tillman Estate Company, a corporation, vs. George L. Eaton et al. No. 35619—Complaint for injunction restraining defendants from tearing down plaintiff''s buildings and declaring them a nuisance. May 23, 1911, copies of complaint and summons received. Pleading due.

Frank J. Symmes as Receiver, etc. vs. City and County of San Francisco No. 25829—Complaint to recover taxes paid under protest for the fiscal year 1910-11. May 24, 1911, copies of complaint and summons received. Pleadings due.

Mary H. Layman & Emily A. Layman vs. City and County of S. F. No. 35741—Complaint to recover taxes paid under protest for fiscal year 1910-11. May 24, copies of complaint and summons received. Pleading due.

Wm. Wilson Co. vs. City and County of S. F., No. 35854—Complaint to recover taxes paid under protest fiscal year 1910-11. May 25, 1911, copies of complaint and summons received. Pleading due.

Louis Greenbaum vs. City and County of S. F., No. 25864—Complaint to recover taxes paid under protest fiscal year 1910-11. May 25, 1911, copies of complaint and summons received. Pleading due.

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M. E. Marden vs. City and County of S. F., No. 35642—Complaint to recover taxes paid under protest fiscal year 1910-11. May 25, 1911, copies of complaint and summons received. Pleading due.

Albert Meyer vs. City and County of S. F., No. 35740—Complaint to recover taxes paid under protest fiscal year 1910-11. May 25, 1911, copies of complaint and summons received. Nov. 3, 1911, demurrer served and filed.

M. E. Marden vs. City and County of S. F., No. 35871—Complaint to recover taxes paid under protest fiscal year 1910-11. May 25, 1911, copies of complaint and summons received. Pleading due.

M. A. DeLavega vs. City and County of S. F., No. 35814—Complaint to recover taxes paid under protest fiscal year 1910-11. May 31, 1911, copies of complaint and summons received. Pleading due.

J. J. DeLavega et al. as Executors vs. City and County of S. F., No. 35913—Complaint to recover taxes paid under protest fiscal year 1910-1911. May 31, 1911, copies of complaint and summons received. Pleading due.

M. A. DeLavega, as Administratrix, etc., vs. City and County of S. F., No. 35912—Complaint to recover taxes paid under protest fiscal year 1910-1911. May 31, 1911, copies of complaint and summons received. Pleading due.

Wells Fargo & Co., a corporation, vs. City and County of S. F., No. 35957—Complaint to recover taxes paid under protest fiscal year 1910-1911. May 31, 1911, copies of complaint and summons received. Pleading due.

Savings Union Bank vs. City and County of S. F., No. 35744—Complaint to recover taxes paid under protest fiscal year 1910-1911. May 31, 1911, copies of complaint and summons received. Pleading due.

Pacific Tel. & Tel. Co. vs. City and County of S. F., No. 35863—Complaint to recover taxes paid under protest fiscal year 1910-1911, May 31, 1911, copies of complaint and summons received. Pleading due.

Cal. Title Insurance & Trust Co. vs. City and County of S. F. No. 35834—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 5, 1911, copies of complaint and summons received. Pleading due.

Security Savings Bank, a corporation, vs. City and County of S. F., No. 35889—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 5, 1911, copies of complaint and summons received. Pleading due.

H. L. Atkinson vs. City and County of S. F., No. 35745—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 5, 1911, copies of complaint and summons received. Pleading due.

H. L. Atkinson vs. City and County of S. F., No. 35558—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 5, 1911, copies of complaint and summons received. Pleading due.

United Railroads of S. F., vs. City and County of S. F. No. 17249—Complaint to recover taxes paid under protest. Fiscal year 1910-1911. June 14, 1911, copies of complaint and summons received. Pleading due.

City Warehouse Co., a corporation, vs. City and County of S. F. No. 36068—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 19, 1911, copies of complaint and summons received. Pleading due.

Catherine F. Bunnell vs. City and County of S. F. No. 35966—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, defendant's demurrer sustained.

Rudolph Spreckels vs. City and County of S. F. No. 35775—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Pleading due. Sept. 11, 1911, defendant's demurrer sustained.

Claus A. Spreckels et al, as Executors vs. City and County of S. F. No. 35776—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

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Claus A. Spreckels et al. as Executors vs. City and County of S. F. No. 35778—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

San Christina Investment Co., a corporation, vs. City and County of S. F. No. 35773—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 3, 1912, judgment rendered for defendant. June 23, 1912, notice of appeal to Supreme Court received.

Realty and Rebuilding Co., a corporation, vs. City and County of S. F. No. 35774—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

First Federal Trust Compay as Trustee, etc. vs. City and County of S. F. No. 35714—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

Emma L. Ferris vs. City and County of S. F. No. 35777—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

First Federal Trust Co., a corporation, vs. City and County of S. F. No. 35813—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

Margaret A. Skelly vs. City and County of S. F. No. 35872—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

Mary J. F. Cryan vs. City and County of S. F. No. 35828—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

The Society of California Pioneers, a corporation, vs. City and County of S. F. No. 35650—Complaint to recover taxes paid under protest. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

Real Property Investment Corporation, a corporation, vs. City and County of S. F. No. 35684—Complaint to recover taxes paid under protest. June 21, 1911, copies of complaint and summons received. Sept. 11, 1911, demurrer of defendant sustained.

Maria Cooper Safford et al. vs. City and County of S. F. No. 17777—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 28, 1911, copies of complaint and summons received. Pleading due.

L. R. Weinmann vs. City and County of S. F. No. 17800—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 28, 1911, copies of complaint and summons received. Pleading due.

S. F. & Fresno Land Co. vs. City and County of S. F. No. 35586—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 30, 1911, copies of complaint and summons received. Oct. 16, 1911, demurrer filed. Off calendar.

Sharon Estate Co. vs. City and County of S. F. No. 35587—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 30, 1911, copies of complaint and summons received. Oct. 16, 1911, demurrer filed. Off calendar.

The Mission Bank vs. City and County of S. F. No. 35585—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 30, 1911, copies of complaint and summons received. Oct. 16, 1911, demurrer filed. Off calendar.

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Palace Hotel Company of S. F. vs. City and County of S. F. No. 35585—Complaint to recover taxes paid under protest fiscal year 1910-1911. June 30, 1911, copies of complaint and summons received. Oct. 16, 1911, demurrer filed. Off calendar.

Thos. J. Morton vs. Board of Education etc. et al. No. 36256—Petition for writ of mandate to compel desfendants to award contract to petitioner for furnishing coal to schools for fiscal year. June 14, 1911, copy of petition for writ and alternative writ received. June 30, 1911, amended petition received. July 6, 1911, demurrer served and filed.

Aalwyn's Law Institute vs. City and County of S. F. No. 35902—To recover taxes paid under protest. July 17, 1911, demurrer filed.

Aalwyn's Law Institute vs. City and County of S. F. No. 35980—To recover taxes paid under protest. July 17, 1911, demurrer filed.

G. Howard Thompson vs. City and County of S. F. No. 35584—To recover taxes paid under protest. October 16, 1911, demurrer filed. Off calendar.

The Credit Clearance Bureau vs. City and County of S. F. No. 36599—To recover taxes paid under protest. Aug. 23, 1911, demurrer served and filed.

National Park Electric Power Company vs. Tuolumne Water Supply Company et al. No. 2796—To restrain defendants from using waters of Cherry Creek. Sept. 22, 1911, demurrer filed.

T. L. Mahony vs. Geo. L. Eaton et al. No. 36640—To restrain the demolishing of plaintiff's buildings as nuisances by the Board of Health. July 10, 1911, a copy of complaint and order to show cause received. August 2, 1911, plaintiff's points and authorities received.

James Otis, Trustee, etc. vs. City and County of S. F. No. 36892—To recover taxes paid under protest. May 3, 1912, notice of trial set May 10, 1912.

Bradley L. Wallace vs. City and County of San Francisco No. 36893—To recover taxes paid under protest. May 3, 1912, notice of trial set for May 10, 1912.

Eastern Hotel Company vs. Wm. H. Nermy etc. No. 37194—To restrain defendants from cutting off plaintiff's electric current. Nov. 23, 1911, notice of overruling of demurrer.

Jonas Schoenfeld vs. City and County of S. F. No. 33720—To recover taxes paid under protest. August 14, 1911, copy of complaint and summons received. Pleading due.

City and County of San Francisco vs. Mario L. Perasso et al. No. 37348—To condemn portion of 50 Vara Block No. 47 for the Washington Irving School. June 11, 1912, notice of motion to set cause for trial June 14, 1912.

Judson Estate Company vs. City and County of S. F. No. 35771—To recover $906.51 taxes paid under protest. August 29, 1911, copy of summons and complaint received. Pleading due.

H. Stewart vs. City and County of S. F. No. 35717—To recover $435.82 taxes paid under protest. August 28, 1911, copy of summons and complaint received. Pleading due.

City and County of S. F. vs. Frances A. Currab, etc. No. 37758—Action to condemn land on the west line of Alabama Street 115 feet south of Norwich Street, for Precita Valley School. Dec. 19, 1911, final decree of condemnation signed and filed. Certified copy recorded.

Edwin Schwab vs. City and County of San Francisco No. 30572—To recover bankers' license fees paid under Ordinance No. 748. September 12, 1911, copy of complaint and summons received. Jan. 10, 1912 demurrer served and filed.

Edwin P. O'Malley vs. James E. Dillon et als, No. 37981—Injunction to restrain appointment of lieutenant of Fire Department. September 29, 1911, copy of complaint and summons received. October 6, 1911, demurrer filed, argued and submitted. December 8, 1911, notice of order sustaining demurrer and discharging order to show cause, served and filed.

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City and County of San Francisco vs. Lena Honrier etc. No. 38194—To condemn portion of block "L" of the Railroad Homestead Association for site for Sheridan School. Oct. 16, 1911, summons and complaint served on defendant Lena Honrier in Los Angeles.

Thos. F. Williams vs. Thos. F. Boyle, etc. et al. No. 38341—Injunction to restrain payment of salaries of Auditor's employees. March 19, 1912, notice of motion to set cause for trial received.

Thos. S. Williams vs. Geo. H. Bahrs et als. No. 38340—Mandamus to require report to Auditor. Dec. 30, 1911, answer filed.

H. Stewart vs. City and County of S. F. No. 38575—To recover taxes paid under protest. Nov. 5, 1911, copy of complaint and summons received. Pleading due.

City and County of S. F. vs. Gray Bros. et al. No. 38775—To restrain quarrying on Telegraph Hill. Nov. 19, 1911, complaint filed, summons and restraining order issued to show cause.

Mary E. Connor vs. City and County of S. F. et al. No. 38912—To restrain defendants from interfering with shacks. Nov. 16, 1911, copy of complaint received. Pleading due.

Hugh L. Delaney vs. George H. Bahrs, et al. No. 38910—To enjoin defendants from holding examination for clerks Board of Supervisors. Nov. 20, 1911, copy of petition for writ and order to show cause and restraining order received. Dec. 23, 1911, demurrer to complaint sustained.

Wm. J. Donlon vs. Geo. H. Bahrs, et al. No. 38958—Writ of Mandate to compel defendants to certify plaintiff as clerk Board of Public Works. June 15, 1912, Answer of defendants to amended petition as amended served and filed.

City and County of S. F. vs. Gray Bros. et al. No. 38880—To restrain quarrying on Telegraph Hill. Nov. 23, 1911, order to show cause ready for hearing.

Gabriele Dougherty vs. James E. Dillon et al. No. 38983—Petition for writ of mandate to compel payment of pension March 4,1912, peremptory writ issued and pension granted.

T. L. Mahony vs. Geo. L. Eaton, et al. No. 39038—To restrain defendants from interfering with or demolishing plaintiff's buildings. Nov. 27, 1911, copy of complaint and summons and restraining order received. Pleading due.

D. Mahony vs. Geo. L. Eaton et als. No. 39039—To restrain defendants from interfering with or demolishing plaintiff's buildings. Nov. 27, 1911, copy of complaint, summons and restraining order received. Pleading due.

People of the State of California vs. United Railroads of S. F. etc. No. 39229—To forfeit franchise. Dec. 6, 1911, complaint filed and summons issued. Pleading due.

Emma Gillespie vs. Board of Education, No. 39177—Writ of Mandate to reinstate in the School Department. Dec. 4, 1911, copy of alternative writ of mandate and petition for writ received. Jan. 15, 1912, demurrer to petition sustained.

John H. Kramer vs. Board of Police Commissioners et al. No. 39271—Writ of Mandate for reinstatement in Police Department. Dec. 8, 1911, copy petition, order, and alternative writ of mandate received. March 7, 1912, demurrer to petition sustained.

John H. Kramer vs. Board of Police Commissioners et al. No. 39272—Writ of Mandate for reinstatement in Police Department. Dec. 8, 1911, copy of petition, order and alternative writ of mandate received. March 7, 1912, demurrer to petition sustained.

Turner & Dahnken vs. David Bush, et al. No. 39381—Petition for Writ of mandate against Tax Collector for nickleodeon license. May 2, 1912, case submitted.

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Wigwam Amusement Company vs. David Bush etc. et al. No. 39372—Petition for mandate against Tax Collector for issuance of theater license. March 25, 1912, cause set for trial.

F. J. Clancy vs. Michael Casey et al. No. 39910—For injunction against employment of certain experienced clerks in the Board of Public Works. June 13, 1912, demurrer to amended answer overruled. Demurrer to second amended complaint overruled. Pleadings due.

City and County of San Francisco vs. H. I. Mulcreavy et al. No. 40154—Complaint on official bond for return of naturalization fees. Jan. 24, 1912, complaint filed and summons issued. March 29,1912, demurrer off calendar.

Frank B. Connolly etc. vs. City and County of San Francisco et al. No. 38934—To restrain enforcement of San Francisco Weights and Measures Ordinance. On appeal.

Wm. J. Donlon vs. Geo. H. Bahrs, et al. No. 38909—To enjoin defendants from holding examination for clerks, Board of Public Works. Dec. 23, 1911, order to show cause and restraining order discharged.

James Donnelly vs. City and County of S. F. No. 38938—To restrain enforcement of San Francisco Weights and Measures ordinance. On appeal.

City and County of San Francisco vs. State Board of Control, etc. et al. No. 39527—Mandamus to collect assessment against State for Beale Street cut. Dec. 21, 1911, petition for writ of mandate filed. Dec. 29, 1911, answer of defendants received.

Kate F. Austin and H. M. Wolley vs. Arthur Barendt et al. No. 40257—To restrain defendants from destroying shack. Jan. 30, 1912, copy of complaint and writ of injunction received. Pleading due.

George McCabe and wife vs. City and County of S. F. No. 40595—To restrain defendant from destroying shack. Feb. 17, 1912, copy of complaint and summons, and order to show cause received.

Olson Mahony Lumber Co. et al. vs. Keystone Construction Co. et al. No. 40997—To have plaintiff's claim against defendants declared a lien upon moneys in City's hands that are due defendants. March 7, 1912, copy of complaint and summons received. Pleading due.

Mary Helen Van Keren vs. James B. Cook et al. No. 41207—Mandamus for pension. March 15, 1912, order for writ of mandamus and writ of mandamus received. June 29, demurrer sustained.

Wm. J. Hobnett vs. Thos. F. Boyle as Auditor, et al. No. 41370—Taxpayers' petition for injunction against payment of salary of Chief of Department of Electricity. March 25, 1912, complaint, summons, order to show cause and restraining order received. May 29, 1912, demurrer to amended complaint sustained.

Michael Boden vs. Board of Fire Commissioners, etc. et al. No. 41261—Petition for writ of mandate for payment of salary as Battalion Chief. March 25, 1912, petition and alternative writ received. May 2, 1912, demurrer sustained.

John M. Cauley vs. Thos. F. Boyle as Auditor. No..... Mandamus for salary demand. March 22, 1912, complaint, order for alternative writ and alternative writ received. May 23, 1912, demurrer served and filed.

Frank Flageollet vs. Thos. F. Boyle as Auditor, No. 41338—Mandamus for salary demand. March 22, 1912, copy of complaint, order for alternative writ of mandamus and alternative writ of mandamus received. May 23, 1912, demurrer served and filed.

Edw. L. Knorp vs. Board of Police Commissioners No. 41442—Writ of mandate for reinstatement in Police Department. March 30, 1912, copy of petition for writ of mandate, alternative writ and order to show cause received. April 26, 1912, case tried and submitted.

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F. W. Sawyer vs. City and County of S. F. No. 40973.—Injunction to cancel lease. March 2, 1912, copy of complaint, summons and order to show cause received. April 19, 1912, demurrer sustained.

Peter McHugh vs. City and County of S. F. et al. No. 41669—To recover $1,511.25 for material furnished for building of Geary Street Railway. April 9, 1912, copy of complaint and summons received. June 28, 1912, demurrer submitted as to first cause of action.

San Francisco Commercial Agency vs. Thos. F. Boyle, Auditor No. 41743—Action for $2,859.99 against City Auditor Boyle for money claimed as due plaintiff from City on judgment. April 11, 1912, copy of complaint and summons received. May 27, demurrer sustained.

John J. Hyer vs. The Joint Commission of the Department of Electricity No. 41652—Writ of mandate to admit plaintiff to employment and salary. April 15, 1912, copy of petition for writ, order, and alternative writ of mandate received. June 11, 1912, demurrer and answer served and filed.

Charles D. Bates, Jr. et al vs. City and County of S. F. et al No. 41691—For injunction to prevent forfeiture of check for $25,000. April 12, 1912, copy of complaint, summons and order to show cause received. June 14, 1912, demurrer argued and submitted.

J. W. Carrell vs. Commission of Department of Electricity et al. No. 41673—Writ of mandate to admit plaintiff to employment and salary. April 9, 1912, copy of petition for writ, order, and alternative writ of mandate received. June 11, 1912, demurrer and answer served and filed.

Edward F. Herozel vs. Commission of Department of Electricity No. 41674—Writ of mandate to admit plaintiff to employment and salary. April 9, 1912, copy of petition for writ of mandate, order and alternative writ of mandate received. June 11, 1912, demurrer and answer served and filed.

Kenneth C. Gillis vs. City and County of S. F. No. 41809—For recovery of $17,753.60 taxes. April 9, 1912, copy of complaint and summons received. Pleading due.

B. F. Schlesinger vs. Board of Police Commissioners et al. No. 41855—Writ of Injunction. April 19, 1912, copy of writ and petition for writ, and writ received. April 26, 1912, order to show cause submitted.

O. K. Jones vs. Thos. F. Boyle et al. No. 41787—Petition for writ of mandate against Auditor for payment of salary of Inspector in Department of Electricity. June 20, Mandate and petition for writ of mandate received.

Wm. G. Pennycook vs. Thos. F. Boyle et al. No. 41788—Petition for writ of mandate against Auditor for payment of salary as Inspector in Department of Electricity. June 20, mandate and petition for writ of mandate received.

City and County of San Francisco vs. Emma Laura Merritt etc. et al. No. 41966—To condemn certain lands as described in complaint. April 24, complaint filed and summons issued.

Joseph Thompson vs. City and County of S. F. No. 41947—To recover $2,000 damages against City for injuries sustained by fireman. April 25, 1912 copy of complaint and summons received. May 22, 1912, demurrer served.

Edw. Whelan et als. vs. Michael Casey et als. No. 41390—To set aside an examination held by the Civil Service Commission for Cribbers. June 13, 1912, demurrers argued and submitted.

W. W. Stone vs. School District No. 37431—Petition for writ of mandate to compel appointment of petitioner as a first-class grammar school principal. Dec. 4, 1911, copy of petition and alternative writ received.

People of the State of California vs. Pacific Telephone and Telegraph Company, No. 42030—Proceeding in Quo Warranto. April 27, 1912, complaint filed and summons issued. June 7, 1912, demurrer received.

City and County of San Francisco vs. Pacific Telephone and Telegraph Company, etc. No. 242029—To set aside deeds. April 27, 1912 complaint filed and summons issued. June 8, 1912, demurrers received.

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Haslett Warehouse Company vs. City and County of San Francisco No. 42112—To recover from City $315 on notice to withhold, for goods furnished contractor. May 4, 1912, copy of complaint and summons received. Pleading due.

A. L. O'Grady vs. James Rolph Jr., etc. No. 42240—Petition for writ of prohibition and alternative writ. May 23, 1912, petition granted.

A. L. O'Grady vs. James Rolph Jr. etc. No. 42241—Petition for writ of review. May 23, 1912 petition granted.

Isaac H. Spiro vs. James Rolph Jr. etc. No. 42243—Petition for writ of review. May 23, 1912, petition granted.

Isaac H. Spiro vs. James Rolph Jr. etc. No. 42242—Petition for writ of prohibition and alternative writ. May 23, 1912, petition granted.

Frank J. Sullivan vs. City and County of San Francisco No. 35931—To recover taxes paid under protest. May 24, 1912, copy of complaint and summons received. Pleading due.

Edwin Schwab vs. City and County of S. F. No. 42427—To recover taxes paid under protest. May 25, 1912, copy of complaint and summons received. Pleading due.

Spring Valley Water Company etc. etc. vs. City and County of S. F. No. 42542.—To recover taxes paid under protest. May 28, 1912, copy of complaint and summons received. Pleading due.

Spring Valley Water Company etc. etc. vs. City and County of S. F. No. 42543—To recover taxes paid under protest. May 28, 1912, copy of complaint and summons received. Pleading due.

James T. Donovan vs. Board of Police Commissioners, etc. No. 42874—Petition for writ of review for dismissal of policeman. June 19, 1912, copy of complaint and petition received. Pleading due.

City and County of S. F. vs. J. B. Ryan et al. No. 42954—To restrain Assessor of Tuolumne County from selling City's water rights for taxes. June 20, 1912, complaint filed and summons issued. Order to show cause and restraining order issued.

Austin et al vs. Casey et al. No. 41073—Complaint for injunction to restrain sale of properties of plaintiff for non-payment of assessments for opening Stanyan Street from McAllister to Turk Street. March 8, 1912, complaint, restraining order and order to show cause received. April 29, 1912, demurrer sustained.

City and County of S. F. vs. Albert Abrahams et al. No. 41542—In eminent domain to condemn lands required for purposes of City Hall and Civic Center. April 1, 1912, complaint filed and summons issued. April 23, 1912—June 28, 1912, various dismissals entered and pleadings of defendants received.

SUPERIOR COURT.

ACTIONS DETERMINED IN.

Varney & Green vs. W. J. Biggy et al. No. 13302—Injunction to restrain defendants from interfering with erection of bill boards. Ordinance amended and case closed.

Wells Fargo & Co. vs. City and County of S. F. No. 23184—Action to recover $1,900 taxes paid under protest. Feb. 14, 1912, judgment entered for plaintiff.

Sunset City Laundry etc. vs. P. H. McCarthy et al. No. 23448—Writ of Mandamus to compel issuing of permit for boiler. July 3, 1911, judgment entered for defendants.

Cliff House vs. City and County of S. F. No. 26558—Injunction against removing garage erected on east line of Cliff Avenue. March 21, 1912, dismissed by plaintiff's counsel.

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N. A. Wood vs. The School District of S. F. No. 27085—Petition for writ of mandate to compel reinstatement of plaintiff in school department. August 25, 1911, judgment rendered for defendant.

City and County of S. F. vs. Michael McHugh No. 27406—Action to condemn lot on Sanchez Street for Everett Grammar School site. July 29, 1911, dismissed by stipulation.

City and County of S. F. vs. Frank Sippel and Ellen Sippel No. 27425—Action to condemn lots on Harriet Street for playground site. August....., 1911, action dismissed and property purchased by City.

City and County of S. F. vs. John Kane No. 27408—Action to condemn lot on Harriet Street for playground site. August....., 1911, action dismissed and property purchased by City.

James T. Hanley vs. Civil Service Commissioners No. 28469—Petition for writ of mandate to compel placing of plaintiff's name on Civil Service list of eligibles. March 21, 1912, dismissed by stipulation.

People of the State of California etc. vs. United R. R. of S. F. No. 29456.—Action to declare forfeited certain franchise of defendants. June 12, 1912, default of defendants entered. Judgment for plaintiff as prayed.

People of the State of California, etc. vs. United R. R. of S. F. No. 29457.—Action to declare forfeited certain franchise of defendants. June 12, 1912, default of defendants entered. Judgment for plaintiff as prayed.

Healy-Tibbitts Construction Co. vs. City and County of S. F. etc. et al. No. 29436—Action to recover $550 alleged balance due plaintiff on sewer contract. Jan. 4, 1912, dismissal filed.

E. Giannetti et al. vs. City and County of S. F. No. 30983.—Action to restrain defendants from polluting Islais Creek with sewage. March 22, 1912, dismissal filed by plaintiff's attorney.

City and County of San Francisco vs. James Otis, Trustee, etc. No. 31489—Action to condemn parcel of land for Auxiliary Fire Protection purposes. Jan. 5, 1912, decree of condemnation filed.

H. F. Fowler et al. vs. Board of Public Works, No. 32574.—Complaint for injunction to restrain the Board of Public Works from eradicating signs placed upon water troughs of plaintiff. March 25, 1912, case dismissed by plaintiff's attorney.

S. Rosenberg vs. City and County of San Francisco No. 32833.—Complaint for injunction. March 28, 1912, case dismissed by plaintiff's attorney.

City and County of San Francisco vs. Ryland B. Wallace No. 33474.—Action to condemn lands in Block No. 289 South San Francisco Homestead and Realty Association for school purposes. Dec. 21, 1911, dismissal filed as to all defendants.

Osgood K. Jones vs. Civil Service Commissioners et al. No. 35107.—Petition for writ of prohibition restraining Civil Service Commissioners from trying petitioner upon charges filed. Jan. 9, 1912, judgment rendered for plaintiff.

Sunset Tanning Co., a corporation vs. City and County of San Francisco No. 35760—Injunction to restrain defendants from grading or improving San Bruno Avenue, between Cortland Avenue and Army Street. May 9, 1912, case dismissed.

John C. Jones vs. City and County of S. F. No. 33401.—Complaint to recover taxes and paid under protest fiscal year 1910-1911. Nov. 21, 1911, judgment rendered for defendant.

Fay C. Beale vs. P. H. McCarthy No. 36178.—Complaint for injunction to restrain Mayor and police from interfering with plaintiff's taxicab stands. Feb. 15, 1912, dismissed by plaintiff's attorney.

Raisch Improvement Co., a corporation vs. City and County of S. F. No. 36410—Complaint for injunction to restrain defendants from forfeiting plaintiff's certified check for refusal to enter into contract. August 11, 1911, judgment rendered for plaintiff.

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John Cassaretto vs. City and County of S. F. et al. No. 36403.—Complaint to recover from Treasurer of the City and County of S. F. held by him under notice to withhold for labor performed and material furnished. August 26, 1911, action dismissed as to city.

Meyer L. Cahn et al. vs. City and County of San Francisco No. 36692.—Complaint to quiet title. July 13, 1911, judgment for plaintiff.

Joseph Manley et al. vs. Frank Morton, Principal Lowell High School, No. 36896.—Petition for writ of mandate to compel respondent to admit petitioner as a student in the Lowell High School. August 18, 1911, judgment rendered for defendant and action dismissed.

Toku Suzykida vs. Geo. L. Eaton, et al. No. 37339.—To restrain defendants from interfering with plaintiff's premises or declaring them a nuisance. Oct. 17, 1911, dismissal filed.

Walter Frances vs. P. H. McCarthy etc. et al. No. 39231.—To restrain revocation of taxicab license. Feb. 15, 1912, dismissal filed by plaintiff's attorney.

Denny Frances et al. vs. P. H. McCarthy et al. No. 39620.—To restrain revocation of taxicab license. Jan. 20, 1912, dismissal filed.

Thomas J. McMannis vs. City and County of S. F. et al. No. 39866.—For injunction against tearing down of premises west line of Larkin Street north of California Street. April 10, 1912, restraining order discharged and injunction denied.

J. E. Boyle vs. Arthur Barendt et al. No. 40257—To restrain defendants from interfering with stable ordinance. June 9, 1912, notice of dismissal received.

Wm. Gleeson vs. Board of Fire Commissioners et al. No. 41388.—Petition for writ of review of dismissal of Superintendent of Engines. May 2, 1912, petition discharged.

Cormac McGorty, No. 40169; A. J. Rocca, No. 40170; William F. Manning et al. No. 40171; J. H. Fairweather, No. 40172 vs. Thos. F. Boyle, etc.—Petition for alternative writ of mandate denied.

JUSTICE'S COURT OF THE CITY AND COUNTY OF SAN FRANCISCO.
ACTIONS PENDING IN.

City and County of S. F. vs. Chadwick & Sykes, No. 22595.—Action to collect $100 license tax for owning and operating dirt cars. Ready for trial.

City and County of S. F. vs. Chadwick & Sykes, No. 22598.—Action to collect $100 license tax for owning and operating dirt cars. Ready for trial.

City and County of S. F. vs. Blanchard Brown Co. No. 22592.—Action to collect $150 license tax for dirt cars. Ready for trial.

City and County of S. F. vs. Owen McHugh No. 22594.—Action to collect $140 license tax for dirt cars. Ready for trial.

JUSTICE'S COURT OF THE CITY AND COUNTY OF SAN FRANCISCO.
ACTIONS DETERMINED IN.

City and County of S. F. vs. McDonald & Miles, No. 42626—Action to collect Insurance Brokers' license fee. Oct. 30, 1911, notice of decision and entry of judgment for defendant received.

SUPERIOR COURT.
COUNTY OF TUOLUMNE.

National Park Electric Power Co. vs. City and County of S. F. No. 2731.—Complaint for injunction against City's interference with plaintiff's water rights. January 24, 1911, copies of complaint and summons received. Demurrer filed.

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National Park Electric Power Co. vs. Tuolumne Water Supply Co. et al. No. 2796. Complaint for injunction against defendants' interference with plaintiff's water rights. July 17, 1911, copy of complaint and summons received. Demurrer of City filed.

OPINIONS.

Addressed to the various departments and officials of the City and County by Percy V. Long, City Attorney, from July 1, 1911, to June 30, 1912.

ASSESSOR.

July 12, 1911.—Advising that where the main administration of an estate is here, certain securities belonging to the estate, though outside the State, are taxable here.

AUDITOR.

March 21, 1912.—Expert doing work for City not an employee within the Charter provision requiring residence.

May 7, 1912.—Advising non-resident advisory architect may make a valid demand for services.

CITY ENGINEER.

April 4, 1912.—Advising that Jefferson Street, between Van Ness and Larkin, in private ownership.

CIVIL SERVICE COMMISSIONERS.

Oct. 6, 1911.—Advising that the Playground Commission is not a board controlling public utilities.

Oct. 6, 1911.—Advising as to the manner of making temporary appointments in the Classified Civil Service list.

Oct. 30, 1911.—Advising as to the classification of places of employment with reference to examinations by the Civil Service Commissioners. Separate positions require separate classifications.

Nov. 18, 1911.—Advising as to Civil Service examination of experienced clerks and legality of credits for special clerical experience.

Nov. 22, 1911.—Advising that age qualification for foremen applies to hydrantmen—21 to 35 years.

Dec. 16, 1911.—Advising that certain sanitary inspectors appointed by Board of Health, whose salaries are paid by City, are not subject to Civil Service regulations.

Dec. 22, 1911.—Advising that regular members of Fire Department who may be more than 35 years of age may participate in examination for hydrantmen.

Jan. 12, 1912.—Advising that Chief of Department of Electricity not subject to Civil Service regulations.

Jan. 18, 1912.—Advising effect of Senate Constitutional Amendment No. 48 validating charter provisions. What City and County officers subject to Civil Service?

Jan. 23, 1912.—Advising that classifications for examination cannot be consolidated.

Jan. 26, 1912.—Ordinances 808 and 821 (New Series) valid. Ordinances 1638 and 1639 (New Series) invalid in part.

Jan. 30, 1912.—Advising that Chief of Fire Department may assign members to any duties which efficiency demands.

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Feb. 26, 1912.—Advising that temporary deputies of Assessor, if made subject to Civil Service, must be specially classified and examined.

March 29, 1912.—Advising that "Superintendent of Engines" not certifiable from eligible list of "machinists."

EDUCATION, BOARD OF

Sept. 13, 1911.—Advising that when the bid of the lowest bidder does not substantially meet requirements of specifications, Board may reject the bid.

Oct. 9, 1911.—Advising that clerical errors of the Board of Education may be corrected and certificates to teachers erroneously granted may be revoked.

Nov. 23, 1911.—Advising that municipal and other public corporations are not liable for injuries received by their employees. Employers' Liability Act—premium on a policy of liability insurance to cover such injuries is not a proper charge against a school district.

Dec. 14, 1911.—Advising about specifications for lease of real property of the school department. Advertisements for bids for sixty days must appeal in each issue of the paper.

Jan. 3, 1912.—Advising that Supreme Court holds that resolution requiring residence of teachers in city reasonable and valid. Charter provision requiring residence not passed upon.

March 12, 1912.—Advising that Section 1714, Political Code is special legislation and in part unconstitutional. List of books need not be submitted to Superintendent of School before purchase.

April 23, 1912.—Advising sufficiency of specifications for lease of school lot on Washington Street.

April 20, 1912.—Advising that during absence, not exceeding two months caused by grave illness, teachers may be allowed half-pay.

ELECTION COMMISSIONERS, BOARD OF

Sept. 29, 1911.—Special Election.—Appropriation is to be used exclusively for purposes designated and is not available for other purposes.

April 30, 1912.—Advising that election commissioners may group items in inviting proposals for bids to promote certainty and security.

ELECTRICITY, DEPARTMENT OF

Nov. 29, 1911.—Advising that under Ordinance No. 621, improper permit should be revoked.

Jan. 25, 1912.—Advising who constitutes head of Department of Electricity.

Jan. 26, 1912.—Advising province of Department of Electricity—construction work must be done according to existing ordinances.

March 21, 1912.—Advising persons tried and dismissed from Department of Electricity not entitled to reinstatement.

FIRE COMMISSIONERS, BOARD OF

Oct. 9, 1911.—Advising that if temporary appointments of lieutenants of Fire Department are made, they must be from highest eligibles.

Dec. 21, 1911.—Advising in regard to bids submitted by competitors for automobiles that bidders may submit specifications other than those proposed by the Board.

Jan. 10, 1912.—Bids for automobiles—contract may be awarded to higher bidder if his machine is deemed better.

Jan. 25, 1912.—Additional appointments by Fire Commissioners must be authorized by ordinance.

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Jan. 25, 1912.—Reinstatement being invalid, leave of absence would be valueless.

Feb. 6, 1912.—Sufficiency of bid for motor-driven delivery truck, unnecessary to advertise since the article is proprietary.

Feb. 8, 1912.—Violation of rules of Fire Department is cause for dismissal of members.

Feb. 29, 1912.—Advising auditor may refuse to audit demands which though in fact separate are presented as joint demands.

March 21, 1912.—One retired upon a pension cannot be employed as expert by City.

April 19, 1912.—Advising that fireman temporarily disabled while off duty not entitled to salary pending such disability.

June 21, 1912.—Voluntary resignation of fireman accepted—no power to reinstate two years afterwards.

FIRE PENSION FUND COMMISSIONERS, BOARD OF

Nov. 20, 1911.—Advising that the widow of a deceased fireman is not entitled to a pension unless husband's duties inherently dangerous—Purpose of Charter provision—under facts stated, widow not entitled to pension.

GRAND JURY.

Sept. 8, 1911.—Advising that certain resignations in the Police and Fire Departments are voluntary and may not be withdrawn.

Sept. 14, 1911—Under facts stated, the restoration of certain members of the police and fire departments held valid—others invalid.

HEALTH, BOARD OF

Feb. 6, 1912.—Master plumbers' license—having passed examination under general law, he is entitled to renewal of license.

Feb. 6, 1912.—Journeyman plumbers' license—Board of Health may enforce provisions of general law regarding.

March 30, 1912.—Advising Dr. Kellogg, a resident and entitled to salary.

June 10, 1912.—Advising duty of Board of Health to enforce certain section of State Tenement House law—duty of Board of Works to enforce other sections thereof.

MAYOR.

Aug. 21, 1911.—Advising that where contractors under Board of Public Works, fail to comply with their obligations, no resolution by Board of Supervisors is necessary to enable Board of Public Works to rescind.

Sept. 28, 1911.—Form of certain bonds not in accordance with the charter. Another form recommended.

Oct. 20, 1911.—Official Bonds.—Sufficiency of sureties—Supervisors may require additional sureties. Mayor may bring matter before the Board.

Nov. 6, 1911.—City not responsible for loss of a horse of Dr. Kellogg occasioned by stepping on a defective man-hole cover.

Jan. 24, 1912.—Advising what permits legally permissible by Mayor.

Feb. 10, 1912.—City experts, aiding city authorities, need not be residents.

March 16, 1912.—Advising police power of city over licensed dogs—other restrictions may be imposed.

April 10, 1912.—Advising bid for construction of Geary Street Railway valid, and being lowest bid, bidder must sign contract or forfeit check accompanying bid.

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April 15, 1912.—Advising Mayor not bound to act upon report of Grand Jury.

May 1, 1912.—Advising location of saloon—San Francisco Business College a school within 150 feet of southeast corner of Market and 5th Streets.

PARK COMMISSIONERS, BOARD OF

Oct. 9, 1911.—Advising that the Charter amendment permitting the Panama-Pacific Exposition Company to use a portion of Golden Gate Park is a valid amendment.

Dec. 22, 1911.—Advising that buildings erected in Jefferson Park should be primarily designed for convenience of visitors—other use thereof must be purely incidental.

POLICE COMMISSIONERS, BOARD OF

Nov. 22, 1911.—Advising that application by a police officer for reinstatement three years after his resignation has been accepted is barred by laches.

Nov. 22, 1911.—Advising to which rank half pay attaches where a police officer who has held several ranks has been reinstated.

Dec. 13, 1911.—Advising that the age limit prescribed by the charter is applicable to the uniformed force of the police department and not applicable to hostlers and matrons.

Jan. 16, 1912.—Application for reinstatement, etc., more than three years after order of dismissal, barred by laches.

Jan. 18, 1912.—Jurisdiction is as a general rule exhausted by a judgment of dismissal—no power to reopen.

Jan. 31, 1912.—Kinetoscopic exhibitions prohibited within 200 feet of church or school, and must have permits from Police Commissioners.

April 18, 1912.—Advising upon removal of saloon it cannot be re-established within 150 feet of any school or church.

May 2, 1912.—Proprietors of billiard and pool rooms may be required by ordinance to obtain permits from Board of Police Commissioners.

June 21, 1912.—Statute of Limitations runs against application for pension—three year limitation from happening of event.

POLICE JUDGE.

April 11, 1912.—Advising rights of certain attorneys to practice in Police Court under Article IV, Chapter VIII, Section 16 of Charter.

POLICE RELIEF AND PENSION FUND COMMISSIONERS.

March 7, 1912.—Advising application for pension having been denied, there is no power to re-open the matter.

PUBLIC WORKS, BOARD OF

July 22, 1911.—Advising that the Board of Public Works may reconsider its action rejecting all bids and award contract to lowest lawful bidder.

July 31, 1911.—Advising that buffet kitchens in tenement houses must have a window opening on a yard or court.

Oct. 9, 1911.—Advising that expenses of sewer work in front of city property may be paid out of certain bonds of 1904.

Oct. 11, 1911.—Advising concerning closing of certain streets and opening of others in lieu thereof. Proceedings before Board of Supervisors.

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Oct. 17, 1911.—Sears Street—power of Board of Supervisors to ratify map changing name of street.

Oct. 18, 1911.—Advising that Board of Supervisors is empowered to close a street.

Oct. 26, 1911.—Geary Street Railway—City is temporarily restrained from constructing railway from 33rd and Point Lobos Avenues to a point near Cliff House.

Nov. 29, 1911.—City leases city property, lessee not liable for street assessment work unless lease so provides.

Dec. 12, 1911.—Advising that where a majority of the Board of Public Works awards a contract to the next highest bidder, it is not obligatory on a dissenting member of the Board to sign the contract, there being lower bids.

Jan. 13, 1912.—Advising assessment for street improvement is a tax and counter claim can not be set up against it.

Jan. 19, 1912.—Advising sufficiency of affidavit accompanying bid on public work.

Jan. 31, 1912.—Advising franchises must not be obtained by public service corporations for use of streets, including laying of steam pipes.

Feb. 1, 1912.—Advising remonstrances as to assessments for street work, which are premature, should be disregarded.

April 1, 1912.—Three story tenement house with basement is legal if basement not designed for habitation.

April 17, 1912.—Advising Dover Street is wholly included in 100 Vara Lot No. 145, and is in private ownership.

April 18, 1912.—Storekeeper of corporation yard holds his position at pleasure of Board of Works—not subject to civil service.

May 24, 1912.—Advising that St. Charles Place an open public alley.

June 21, 1912.—Advising that when the Board of Public Works enters into a contract with the agent of what is claimed by affidavit to be a majority of frontage and of owners, contract final as to another contractor.

RECORDER.

Jan. 25, 1912.—Advising Recorder's duty is ministerial as to recordation of marriage license where ceremony in another county.

Feb. 27, 1912.—Advising recorded instruments of Panama-Pacific Exposition Company subject to recordation fees.

SUPERINTENDENT RELIEF HOME.

April 4, 1912. Advising Mendocino County liable for care of its indigent sick by Relief Home.

SUPERVISORS, BOARD OF

July 1, 1911.—Advising that expenses of election to fix site of Panama-Pacific Exposition Company (a private corporation) is not a charge against the Treasury.

July 24, 1911.—Advising that Board of Supervisors may by ordinance close certain streets for Panama-Pacific Exposition.

August 3, 1911.—Advising as to the status of Sailors' Home. City property. No attempt by government of U. S. to sell this property.

August 16, 1911.—Advising that the conditional grant of China and Central basins to City was revoked by act of March 15, 1878.

Oct. 11, 1911.—Illegal ordinance imposing a license—Payers of such license tax not entitled to a refund.

Oct. 11, 1911.—Advising as to method of forfeiting a street railroad franchise when company has laid tracks and abandoned the same.

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Oct. 13, 1911.—Insufficient sureties—Additional Surety Bonds pro rata payment of premium. Conditions.

Nov. 8, 1911.—Legality of a proposed ordinance concerning motor driven vehicles. Police regulations over drivers.

Oct. 20, 1911.—Hetch Hetchy Water Bonds not available for purpose of supplying water from any other source.

Oct. 25, 1911.—Advising as to necessary steps to be taken to complete acquisition of property of Sanitary Reduction Works.

Nov. 17, 1911.—Advising that Auditor is not responsible for not withholding moneys due a contractor for city work where notice to withhold is defective.

Nov. 20, 1911.—Advising that it is the right and duty of Sanitary Reduction Works to remove and dispose of dead animals from public streets.

Nov. 27, 1911.—Advising that under Section 273h of the Penal Code when county receives work from a prisoner whose wife and child are destitute a claim against the City for $1.50 a day is valid.

Dec. 11, 1911.—Robison Bequest Fund—Money borrowed from. Effect of constitutional Amendment as to mortgage tax.

Dec. 28, 1911.—City not liable for premium on bonds which are invalid.

Jan. 13, 1912.—Recent amendment to Section 19, Article XI, Constitution, has changed relation of City to Public Service Corporations supplying water or light and thereafter apply for use of streets.

Feb. 6, 1912.—Advising City not liable for paving roadway on easterly side of Steuart Street.

Feb. 6, 1912.—Employers' Liability Act—City not subject to. City not liable for accidental injuries to T. O'Connor.

Feb. 7, 1912.—Assessor should remove assessments on Corbett Ave.

Feb. 9, 1912.—Power to appoint janitors of public buildings is vested in Board of Works.

Feb. 15.—Advising City may take over the James Lick Baths.

Feb. 15, 1912.—Additional clerks and assistants, manner of appointment of.

Feb. 26, 1912.—Powers of Board of Supervisors in sale of properties of Home Telephone Company to Pacific Tel. & Tel. Co.

March 4, 1912.—Contracts for school buildings authorizing payments in bonds, cannot be entered into.

March 9, 1912.—Advising right of City to use Fillmore Street tunnel for municipal railway—present tracks, for purposes of construction, may be divested.

March 13, 1912.—Ordinance closing Malloy Street may be adopted.

March 21, 1912.—Advising dogs on public streets may be muzzled.

March 21, 1912.—Advising supervisors have power to acquire certain land for Board of Health and to sell other land.

March 28, 1912.—Advising that sub—side walk areas are subject to jurisdiction and control of city.

March 29, 1912.—Home Telephone Company—transfer of its properties—remedies of the city.

March 29, 1912.—Advising that certain portions of Turk Street narrowed by Ordinance No. 3080, Rights of abutting owners.

April 5, 1912.—City property erroneously assessed and sold to State, assessment cancelled and certificate of sale may be cancelled.

April 8, 1912.—Ordinance creating bureau for inspection of weights and measures is in legal and proper form.

May 20, 1912.—Advising that City can not contribute funds to private organizations performing relief work.

May 20, 1912.—Advising that question of bonded indebtedness to acquire Home Telephone system should be submitted to people.

May 25, 1912.—Supervisors, in exercise of police power, may compel removal of human remains from city cemeteries.

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June 3, 1912.—Advising petition of certain nurserymen to create position of county horticultural commissioner, defective. Duties of such commissioner not assignable to Board of Health.

June 4, 1912.—Powers of Board of Supervisors relating to Spring Valley extensions.

June 7, 1912.—Advising insufficiency of check accompanying bids for yearly supplies—Board may reject any and all bids.

June 10, 1912.—Sub-side walk areas. City may exact a rental of these areas when City owns the fee of the street.

June 13, 1912.—Advising supervisors may permit installation of private pump at Relief Home to supply water from Lake Honda to private consumers—restrictions.

TAX COLLECTOR.

Oct. 11, 1911.—Revocation of licenses—Power of Board of Supervisors over a license—This power may be exercised by a general ordinance.

March 13, 1912.—Advising what kind of money is legal tender for taxes?

April 29, 1912.—Ordinance No. 1651 valid—no conflict with revenue laws.

TREASURER.

Sept. 8, 1911.—Certain members of the fire department resigned under facts stated, the resignation may be withdrawn and men reinstated.

Oct. 21, 1911.—Sale of bonds—Bonds should bear the signature of the actual occupant of office at the time of delivery.

Feb. 9, 1912.—Re-registration of city bonds formalities necessary upon death of holder.

Feb. 9, 1912.—Advising that a judgment creditor must file an authenticated copy of the judgment with the auditor to reach moneys due the debtor from the city.

April 27, 1912.—Authenticated copy of judgment filed with auditor after valid assignment of claim, is valueless against the assignment.

SHERIFF.

June 21, 1912.—Advising disposition of moneys and other personal effects found upon those committed to Insane Asylum.

ACTIONS TO ESTABLISH TITLE UNDER AN ACT PROVIDING FOR THE ESTABLISHMENT AND QUIETING OF TITLE TO REAL PROPERTY IN CASE OF LOSS OR DESTRUCTION OF PUBLIC RECORDS.

In actions brought during the past year under what is commonly known as the McEnerney Act, the following is a list of the cases in which the rights of the City are involved:

PENDING.

Russell G. Coggeshall et al v. All Persons, No. 30890.—Encroachment on Steuart Street. Answer filed.

Christine C. Webster v. All Persons, No. 31295.—Encroachment on Steuart Street. Negotiating with attorneys.

Ellen Grote v. All Persons, No. 32218.—Encroachment on Garden Avenue Negotiating with attorneys.

Mary Power v. All Persons, No. 32286.—Encroachment on Moulton Avenue. Negotiating with attorneys.

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DETERMINED.

Frieda Lonski v. All Persons, No. 30989.—Encroachment on Lincoln Street Decree respects Lincoln Street.

Edward L. Miller v. All Persons, No. 31082.—Encroachment on Juniper Street. Decree respects Juniper Street.

Sperry Flour Co. v. All Persons, No. 31146.—Encroachment on city property in 50 Vara Block "B." Dismissed as to encroachments.

G. and M. Foppiano v. All Persons, No. 31612.—Encroachment on Edgar Place. Decree respects Edgar Place.

Giuvani Ferrea v. All Persons, No. 31688.—Encroachment on Nobles Alley. Decree respects Nobles Alley.

RECAPITULATION.

ACTIONS PENDING IN.

U. S. Supreme Court	1
U. S. District Court, Ninth Judicial Circuit, Second Division	12
Supreme Court of California	5
Superior Court (exclusive of McEnerney actions and actions to quiet title in lieu of City deed)	245
Superior Court—McEnerney actions brought during current year in which City is interested	4
Superior Court—Tuolumne County	2
Total	269
Justices' Court	4
Total of actions pending	273

ACTIONS DETERMINED IN.

U. S. District Court, Ninth Judicial Circuit, Second Division		3
In favor of City or its officers	0	
Against City or its officers	3	
Supreme Court of California		2
In favor of City or its officers	2	
Against City or its officers	0	
District Court of Appeal of California		4
In favor of City or its officers	4	
Against City or its officers	0	
Superior Court (exclusive of McEnerney action and actions to quiet title in lieu of City deed)		32
In favor of City or its officers	28	
Against City or its officers	4	
Superior Court (actions to quiet title in lieu of City deed)		5
Against City (City having no interest)	5	
Justices' Court		1
Against City or its officers	1	
Total of actions determined—		
In favor of City or its officers		34
Against City or its officers (exclusive of actions to quiet title in lieu of City deed, in which City has no interest)		8
Decrees against City in actions brought to quiet title in lieu of City deed, in which City has no interest		5
Total of actions determined		47
Number of opinions rendered		133

Respectfully,

PERCY V. LONG,

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Public Administrator's Report

To the Honorable, the presiding judge of the Superior Court of the State of California, in and for the City and County of San Francisco, and to Honorable James Rolph, Jr., Mayor of the City and County of San Francisco:

M. J. Hynes, Public Administrator of the City and County of San Francisco, State of California, respectfully makes to the said Superior Court of the State of California, in and for the City and County of San Francisco, and to the Mayor of said City and County of San Francisco, under oath, this return of all estates of decedents which have come into his hands during the six months ending twelve o'clock noon, on the 8th day of July, A. D. 1912, pursuant to the provisions of Section 1736 of the Code of Civil Procedure of California, and of Section 9 of Article XVI of the Charter of the City and County of San Francisco, said report being as follows, to-wit:

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		Approximate Value as far as Ascertained	Money which has come into the hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and not Withdrawn by Administrator	Moneys on deposit with First Federal, Mercantile Trust Union Trust, Central Trust Co., Anglo-Calif. Trust Co. and S. F. Sav. Union	Property Exclusive of Money in hands of Administrator
1911.								
July 13	Teresa Marzyck	$ 1,306.09	$ 1,306.09	$ 291.00	$ 9.50	$	$ 1,005.59	$
July 13	Nick Plarnios	506.85	506.85	183.50	84.71			
July 13	Friedrich Mager	3,643.48	3,643.48		372.93		3,270.55	
July 18	Bernard Guillarcet	859.87	859.87	200.00	137.38		522.49	
July 18	Frederick Sorensen	5,768.32	5,768.32	293.00	752.96		4,722.36	
July 25	Thomas Farson	4,612.93	4,612.93		452.96			
Aug. 1	Anthony Donnelly	1,040.93	1,040.93		7.50		1,033.43	
Aug. 1	John Besser	759.00	759.00	584.50	120.50		54.00	
Aug. 1	John Lampe	1,213.04	1,213.04	275.00	167.54		770.50	
Aug. 1	Aloise E. Duriez (Special letters)				1.50			
Aug. 3	Walter B. Nagle	1,291.44	841.44	31.50	47.69		762.25	450.00
Aug. 3	Missouri Hammond	200.25	200.25	156.73	43.52			
Aug. 3	Ellen Brannan	148.59	148.59	111.00	35.80		1.79	
Aug. 7	Guisseppi Crevelloni				3.50			
Aug. 10	Mary Gleason	529.41	529.41	262.00	91.10		176.31	
Aug. 10	Elizabeth Straube	2,676.09	276.09	160.00	116.09			2,400.00
Aug. 15	Jerry Garrett				1.50			
Aug. 15	Nels Olsen	600.00			15.43			600.00
Aug. 18	Alice C. Harris	5,700.48	5,700.48	340.75	547.79		4,861.94	
Aug. 29	Patrick Monaghan	100.00			1.50			100.00
Aug. 30	Edward M. Monaghan	100.00			1.50			100.00
Aug. 31	Dora Martens	3,728.28	3,728.28	45.00	8.50		3,674.78	
Aug. 31	Jean P. Nogues	376.99	376.99		3.50		373.49	

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Sept. 12	Bernard Meyer				1.50			
Sept. 12	Emily Harrisson	400.00			10.00			400.00
Sept. 12	William Zahringer	884.87	884.87	330.41	12.05		542.41	
Sept. 12	Mary E. Clark				1.50			
Sept. 12	Catherine Flynn	634.89	634.89	200.50	6.00		428.39	
Sept. 21	George Fletcher	1,184.81	904.81	160.00	16.00		728.81	280.00
Sept. 21	Augustan Griffouliere	1,185.07	1,185.07		7.05		1,177.57	
Sept. 21	Lizzie C. Childs	25.00			1.50			25.00
Sept. 21	W. H. Trowell	700.00			49.79			700.00
Sept. 21	E. Bartsch	100.00	100.00	70.00	6.00		24.00	
Sept. 21	Frank B. Fischer	208.16	208.16	125.00	2.00		81.16	
Sept. 26	Maria G. Clark				1.50			
Sept. 28	Jane Tiernan	1,119.50	1,119.50		5.50		1,114.00	
Sept. 28	Isidore Bernard	780.98	780.98	154.50	7.00		619.48	
Oct. 3	Joseph Brown	276.35	15.35		6.00		9.35	261.00
Oct. 3	Robert Franze	1,064.00	64.00		3.00	1,000.00	61.00	
Oct. 11	Elizabeth Lander				6.00			
Oct. 17	Johanna G. Reardon	518.42			2.50	518.42		
Oct. 17	John H. Marquart	81.78	81.78		6.00		75.78	
Oct. 17	Thomas Feely	700.00			32.35			700.00
Oct. 17	Peter Sestiaa	277.97	277.97		8.00		269.97	
Oct. 17	Matthew Wynn	3,070.71	3,070.71	88.00	11.50		2,971.51	
Oct. 26	Antone Webber	126.66	126.66		6.50		120.16	
Oct. 26	Pietro Podingo	470.00			1.50	170.00		300.00
Oct. 26	Henry Yellitz	2,002.26	2.26		14.00	520.00	2.26	1,480.00
Oct. 31	Evan C. Elmer	465.88	465.88	207.50	12.25		246.13	
Oct. 31	Richard O'Brien	1,330.00			4.60	690.00		640.00
Oct. 31	John Kennedy	45.34	45.34		2.00		45.34	
Oct. 31	Margaret A. Hill	7,550.11	7,550.11	98.00	2.00		7,450.11	
Nov. 1	Mary Lyons	3,000.00			170.00			3,000.00
Nov. 2	Charles Orland	154.27	154.27		1.50		152.77	
Nov. 2	Charles Von Borstel	437.84	437.84	192.25	5.00		240.59	
Nov. 2	Joseph Daly	1,400.00	1,400.00	90.00	9.00		1,301.00	
Nov. 2	Friedrich C. Woeger	377.95	377.95		2.50		375.45	

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		Approximate value as far as ascertained	Money which has come into the hands of the administrator	Funeral expenses, debts, etc	Fees and expenses paid by the administrator	Money in Bank and not withdrawn by administrator	Moneys on Deposit With First Federal, Union Trust, Anglo-Calif. Trust Co. and S. F. Sav. Union, Hibernia, German and French Banks	Property Exclusive of Money in hands of Administrator
Nov. 2	Simeone Zoerich	610.00	10.00		12.00	600.00		
Nov. 2	Samuel Cohn	575.49	575.49	138.50	15.75		421.24	
Nov. 9	Louis S. Whitcomb	3,370.66	3,370.66	50.00	13.20		3,307.46	
Nov. 13	Mary Ferrold	14,283.80	5,388.80		65.61	1,000.00	5,328.19	7,850.00
Nov. 14	Ferdinand Johanson	150.00			1.00			150.00
Nov. 14	Feliciani Ilario	950.55	450.55	23.00	20.45		407.10	500.00
Nov. 14	James Currie	278.51	78.51		2.40		76.11	200.00
Nov. 14	Anna Brennan	5,476.57	5,476.57		6.50		5,470.07	
Nov. 14	Peter D. Brady	15,475.30	5,875.30	346.00	37.09		5,492.21	9,600.00
Nov. 21	Fannie A. Boyle	10,000.00			5.55	10,000.00		
Nov. 28	Jasaburo Inouye				6.00			
Dec. 5	Charles F. Laugier	1,200.00			4.00	1,200.00		
Dec. 5	Annie S. Homer	600.00			1.50	600.00		
Dec. 5	William F. Fairbanks	800.00			2.25	800.00		
Dec. 5	Leve Van Auken	420.00	20.00		1.50		18.50	400.00
Dec. 7	William Shaylor	250.00			3.30	250.00		
Dec. 9	James Olsen (Special letters)	1,713.62			1.50	1,713.62		
Dec. 12	A. V. Perrault	2,314.00			2.00	2,000.00		314.00
Dec. 12	Rudolph Kibbel	125.00			2.00			125.00
Dec. 12	Carl P. Nielsen	500.00			1.50	500.00		
Dec. 12	Gust H. Patropulis	207.45	207.45		2.50		204.45	
Dec. 12	Edgar H. Fritch				21.10			
Dec. 14	N. B. Walton	145.90	145.90	100.00	1.50		44.40	
Dec. 14	Dolores de Ygual Y Fol	7,833.60			2.00	7,833.60		

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Dec. 14	Delia Ruddock	600.00			1.50			600.00
Dec. 19	Mary A. McGowan	1,847.54	1,847.54		1.50		1,847.54	
Dec. 19	Catherine Chambers	607.96			1.50	607.96		
Dec. 19	Frank F. Schick	442.67	442.67	76.25	2.00		364.42	
Dec. 19	Ferdinand Douellou	1,190.14	202.14		2.00	988.00	200.14	
Dec. 19	Catherine Donohoe	1,000.00			1.50	1,000.00		
Dec. 21	Henry Murray				1.50			
Dec. 21	James Quirk	590.00			1.50	590.00		
Dec. 21	Eddie E. Brown	143.73			1.50	143.73		
Dec. 27	John J. Herr	22,397.17	9,397.17		41.55	4,697.17		1,770.00
Dec. 27	Henry Niemeyer	13,345.00	35.00		53.50	600.00		
Dec. 27	Otto Kihlen	709.00			2.00	709.00		127.10
Dec. 27	Sybell H. Whitcomb				1.00			
Dec. 27	Alonzo Whitcomb				1.00			
Dec. 27	Catherine White	11,304.99	3,804.99		3.50		3,801.49	8,000.00
Dec. 28	Louis Kalisky				1.50			
Dec. 28	Esther Kalisky				1.50			
Dec. 28	Bartolomeo Paramidani	1,500.00			1.50			1,500.00
1912.								
Jan. 2	Telda Brunner	1,350.00			1.50	1,350.00		
Jan. 2	Roland P. Toner				1.50			
Jan. 2	Louis Horstman	123.29			1.50	123.29		
Jan. 2	Anthony Murphy	1,730.00			4.50	1,730.00		
Jan. 2	A. L. White	250.00			1.50	250.00		
Jan. 9	William J. Linehan	269.61	249.61	125.00	11.10		113.01	20.00
Jan. 9	Joseph Bauchou	331.49	331.49		60.80		270.69	
Jan. 9	Olaus Gafvert	567.80	567.80	102.50	8.50		458.80	
Jan. 11	S. C. Murray	3,384.66	1,884.66	411.15	99.86		1,373.65	1,500.00
Jan. 16	J. J. McGrath	21,984.31	21,484.31	358.50	63.83		20,661.98	500.00
Jan. 16	Geo. Van Dussen	70.00	70.00	43.15	26.85			
Jan. 16	Joe Vecchia	107.30	107.30	75.00	29.27		3.03	
Jan. 16	Edward Lamphear	347.63	347.63	139.30	59.70		140.38	
Jan. 16	Thomas Gallagher	968.25	968.25	295.00	149.51		523.74	

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		Approximate Value as far as Ascertained	Money which has come into the hands of the Administrator	Funeral Expenses, Debts, etc.	Fees and Expenses Paid by the Administrator	Money in Bank and not Withdrawn by Administrator	Moneys on deposit with First Federal Union Trust, Central Trust Co., Anglo-Calif. Trust Co. Mercantile Trust, and S. F. Sav. Union	Property Exclusive of money in hands of Administrator
Jan. 16	N. M. Mateovich (Proceedings under Sec. 1726A, CCP)	6.40	6.40	5.40	1.00			
Jan. 16	August Gillien (Proceedings under Sec. 1726A, CCP)	60.90	60.90	59.90	1.00			
Jan. 16	Michael H. Ratermann (Proceedings under Sec. 1726A, CCP)	35.05	35.05	34.05	1.00			
Jan. 18	Thomas Larkin	333.30	333.30	189.20	69.61		74.49	
Jan. 18	Thomas Anderson	305.63	305.63	36.75	60.28		208.60	
Jan. 18	John Ellis	82.31	82.31	30.60	26.63		25.08	
Jan. 23	Maria Labetouire	2,822.70	2,822.70	226.00	308.32		2,288.38	
Jan. 23	Delphine Thiebaud	560.88	560.88	127.75	103.85			
Jan. 29	William K. Horne	451.27	451.27	368.99	82.28			
Jan. 30	Richard Retzke	750.00			2.00			750.00
Feb. 1	Patrick O'Donnell				8.00			
Feb. 1	W. A. Gardner	1,109.59	1,109.59	925.13	178.11		6.35	
Feb. 5	David Feigenbaum (Special letter)	88.62	88.62		88.62			
Feb. 6	J. G. Anderson	281.40	271.40	125.00	10.50		135.90	10.00
Feb. 6	Jane Heavy	1,047.56	1,047.56		166.55		881.01	
Feb. 8	Oscar G. Johnson (Proceedings under Sec. 1726A, CCP)	60.00	60.00	59.00	1.00			
Feb. 8	H. G. Short (Proceedings under Sec. 1726A, CCP)	66.45	66.45	65.45	1.00			
Feb. 14	James Sweeney	993.15	343.15	100.50	1.00		201.65	650.00
Feb. 16	Antonia Fuentes	1,600.00			1.50	1,300.00		300.00

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Feb. 16	Satorious Vavatsikos				1.50			
Feb. 16	Panagis Neos				1.50			
Feb. 26	John McCauley	3,402.71	3,402.71	20.00	11.00		3,371.71	
Feb. 27	Elese V. Hansen				1.50			
Feb. 27	Jeanne M. Degors	3,000.00			1.00			3,000.00
Feb. 27	Adelaide E. J. Rene	1,000.00			1.00			3,000.00
Feb. 27	Marie A. H. Rene	1,000.00			1.50			1,000.00
Feb. 28	Matthew J. Niland	250.00			3.00			250.00
Feb. 29	John M. Bruce	923.95	923.95	170.00	9.00		744.95	
Feb. 29	August Kattelus	161.34	161.34		1.50		159.84	
Mar. 5	H. C. Gaw	279.30	259.30		6.50		252.80	20.00
Mar. 7	Christopher Kirsopp	8,973.27	8,973.27	262.00	3.00		8,708.27	
Mar. 7	Giovanni Caviglia	814.65	814.65	208.40	8.00		598.25	
Mar. 7	Adolph Nahrstadt	1,500.00			1.50			1,500.00
Mar. 7	Joseph Nicolette	293.70	293.70		6.00		287.70	
Mar. 7	Daniel Ryan	1,334.96	1,034.96	390.00	7.50		637.40	300.00
Mar. 12	Hans F. Jansen	1,100.00	1,000.00		3.50		996.50	100.00
Mar. 12	Violet Broderson (Special Letter)				1.50			
Mar. 12	W. F. McDonald	207.95	7.95		1.50		6.45	200.00
Mar. 12	John Keohane	1,267.21	1,267.21	405.05	1.50		860.66	
Mar. 12	Jane Tracy	2,500.00			1.50			2,500.00
Mar. 19	Rafaello Vessoni	5,149.31	3,149.31	247.50	5.00		2,896.81	2,000.00
Mar. 19	William Youngs	28,029.38	29.38		21.00		9.38	28,000.00
Mar. 21	W. Wormser	122.50	122.50		1.50		121.00	
Mar. 21	Maria C. Anderson	3,822.08	3,822.08		6.00		3,816.08	
Mar. 28	Charles A. Swanson	300.00			1.50			300.00
Mar. 28	George V. Hill	842.88	842.88		6.00		836.88	
Mar. 28	Annie Kerns	167.10	167.10		1.50		165.50	
Mar. 28	Dennis Quirk				1.50			
Mar. 28	Frank Marks (Proceedings under Sec. 1726A, CCP)	54.85	54.85	53.85	1.00			
Mar. 29	Peter Casey	2,158.27	2,158.27		14.00		2,142.27	
Mar. 29	Daniel Willats	1,512.29	1,512.29		4.30		1,507.99	
Mar. 29	Thomas G. McConkey	1,092.27	1,092.27	175.00	7.00		1,010.27	

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April 1	Joseph Sudall	2,500.00			3.00	1,000.00		1,500.00
April 2	Robert G. Simpson	158.69	158.69		1.50		157.19	
April 2	Edvart Engebrettsen	2,296.95	2,296.95		6.00		2,290.95	
April 9	Joseph Kunauer				2.00			
April 9	Valderino Buffano	2,498.25		451.69	58.45	1,988.11		
April 16	Orrin W. Cunningham	1,032.76	1,032.76	656.50	4.70		371.56	
April 16	Charles Jonasson	2,567.18	2,567.18	326.50	21.30		2,219.38	
April 16	Isaac Curry	34,420.38	2,301.28	10.00	14.00		2,287.28	32,135.00
April 18	Tim Healy	782.77	782.77		6.00		776.77	
April 18	Frank Vallejo (Proceedings under Sec. 1726A, CCP)	15.47	15.47	14.47	1.00			
April 23	Franziska K. Litterest	942.97	942.97		2.50		509.27	
April 25	Joseph Elliott	97.84	97.84	60.00	1.50		36.34	
April 25	Serafino Pagano	903.85	203.85		6.00		197.85	700.00
April 25	Louis Roy	600.00	600.00	560.00	1.50		38.50	
April 25	Charles D. Gilbert	952.34	952.34		1.50		950.84	
April 30	O. F. Marson	408.55			1.50	408.55		
April 30	Frank Brennen (Proceedings under Sec. 1726A, CCP)	55.92	55.92	54.92	1.00			
May 7	Jacob Birnbaum (Special Letter)	850.00			12.70			850.00
May 9	Charles T. Williams	61.30	61.30		1.50		59.80	
May 11	G. Podesta	47,142.20	2,142.20	332.13	2.00		1,808.07	45,000.00
May 13	Arcangelo Boccanegro	3,500.00						3,500.00
May 16	Wallace Bottner	1,289.77	1,289.77		1.50		1,288.27	

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May 16	Dora Singer	284.98	284.98	101.13	1.50		182.35	
May 21	Phoebe E. Roberts	340.00	340.00		4.00		336.00	
May 21	Henry E. Roberts	114.00	114.00		4.00		110.00	
May 21	Peter Mosier	662.98	662.98	50.00	1.50		611.48	
May 21	Laura S. Gavallias	17,490.20	1,655.20		1.50		1,655.20	15,840.00
May 23	Stephan Garrecht	223.64	223.64	45.75	6.00		171.89	
May 23	Blanche M. Carson	106,196.70	6,196.70		13.50		6,184.20	100,000.00
May 28	Gerado Y. Diez	7,833.60			1.50	7,833.60		
May 28	John A. Brown	187.72	187.72		1.50		186.22	
May 28	Patrick O'Brien	906.10	6.10		1.50	900.00	6.10	
May 28	William G. Meier	662.70	62.70		1.50	600.00	62.70	
May 28	Nancy J. Moore	115.00	95.00	22.50	2.50		70.00	20.00
May 28	John Coyle	402.51	402.51		1.50		401.01	
June 4	Fred Leiser	2,270.54	270.54	112.25	9.00		149.29	2,000.00
June 6	Sonke Sonningson	500.00			1.00			500.00
June 11	Julie Kordmeier (Special Letter)	8,204.42	8,204.42		1.50		8,204.42	
June 11	Constantino Foletta	750.00			1.50			750.00
June 11	Amelia E. Wands	100.00			1.50			100.00
June 11	Mary O'Neil	8,044.70	8,044.70	340.00	1.50		7,703.20	
June 13	John Wear	1,700.00			1.50			1,700.00
June 14	Flora Page	300.00			2.00			300.00
June 20	George Bracken (Proceedings under Sec. 1726A, CCP)	53.23	53.23	52.23	1.00			
June 20	Elizabeth Johnson (Proceedings under Sec. 1726A, CCP)	56.58	56.58	55.58	1.00			
June 25	Edward J. Williams	4,067.22	6.40		5.00	4,060.82	1.40	
July 2	Victoria Hebert	595.00	95.00		1.50		93.50	500.00
July 2	Joseph Smith	3,180.00			2.00	3,180.00		
July 2	Katherine Reiser	317.00			2.00	317.00		
July 3	Ferdinand Idzikowski	4,342.84			1.00	4,342.84		
July 5	Joseph Clements	400.00	400.00		10.00		390.00	
July 6	J. Skippich				1.50			
July 8	W. J. Ryan	400.00			1.00			400.00

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City and County of San Francisco. }
State of California, } ss.

M. J. Hynes, being first duly sworn, says: that he now is, and ever since the 8th day of January, 1912, at twelve o'clock noon, on said day, has been, the duly elected, commissioned, qualified and acting Public Administrator of the City and County of San Francisco, State of California; and that the foregoing report and return contains, and is a full, true and correct report, return and account of all estates of decedents, which have come into his hands for the six months ending at twelve o'clock noon, on the 8th day of July, 1912, and that the value of each estate, the money which has come into his hands from each of said estates and what he has done with the same, and the expenses incurred in each of said estates, and the balance of money remaining in his hands, if any, in each of said estates, is correctly set forth in said foregoing return and report; that affiant is not, and was not during any of the times mentioned in said return and report, or at any other time, interested in the expenditures of any kind made on account of any estate which he administered, or of which he is the administrator, or which has come into his possession or under his charge, nor is he associated in business or otherwise with any one who is so interested.

M. J. HYNES.

Subscribed and sworn to before me this 22nd day of July, 1912.

MATTHEW BRADY,

Notary Public in and for the City and County of San Francisco, State of California.

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Treasurer's Report

San Francisco, Cal., July 31, 1912.

Hon. James Rolph, Jr.,

Mayor of the City and County of San Francisco:

Dear Sir:—I herewith submit the Treasurer's Annual Report for the fiscal year of 1911-12.

Respectfully yours,

JOHN E. McDOUGALD,
City and County Treasurer.

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RECEIPTS.

City and County Funds.

Balance on Hand, per last Report, June 30, 1911			$ 7,915,207.17
General Fund 1911-1912—			
Taxes		$ 6,266,585.14	
Police Court Fines, Department No. 1		9,047.00	
Police Court Fines, Department No. 2		12,194.00	
Police Court Fines, Department No. 3		17,187.00	
Police Court Fines, Department No. 4		15,951.00	
City and County Licenses		1,237,774.85	
Rent of City Property		26,683.20	
House Building Permits		31,158.40	
Superior Court Fines		1,596.50	
Recorder Desk Rentals		657.50	
Bank Interest		79,923.50	
State Lunacy Commission		360.00	
Assessor—Conscience Money		5.00	
Sheriff—Board of U. S. Prisoners		61.20	
Coroner—Unclaimed Cash		112.45	
Juvenile Court		7,293.54	
Relief Home for Aged and Infirm		1,740.97	
City and County Hospital		1,545.79	
Isolation Hospital		198.50	
Tax Collector Commission		7.00	
Assessor Commission		15,220.20	
Board of Supervisors—			
Refd. Burial Fee	$ 50.00		
Refd. St. Barbara trip	143.00	193.00	
Board of Works—			
Damages to 3rd St. Bridge	200.00		
Refd. a-c expend's Beale St. Assess. Dist.	846.80	1,046.80	
Fire Commrs.—Damages to Fire Hydrant		8.60	
Police Commrs.—Refd. a-c East. Trip		305.85	
Mayor—			
Sale of School Shacks	2,401.70		
Sale of Condmn. Horses	1,698.75	4,100.45	
State of California—			
Support of Orphans	77,560 56		
Fire Boats	33,285 91		
Refund Taxes	95.88	110,942.45	
Settlement of Schraeder Bros.—			
Failure to supply meat during yr. 1910-11		7,381.52	
City St. Imprv. Co. (Bd. of Works)—			
City's expenditure in repairing St.—16th Ave near Lake Street		226.90	
Sterling Realty Co.—			
Construction Cost of a Septic Tank to be erected in Golden Gate Park		1,245.00	

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RECEIPTS—Continued

Franchise Percentage—			
Geary St. P. & O. Ry. Co.	8,091.16		
Presidio & Ferries R. R. Co.	585.58		
Calif. St. Ry. Co.	3,463.70		
United R. R. Co.	38,756.98		
Parkside Traction Co.	646.46		
Gough St. R. R. Co.	170.43		
Sanitary Reduction Works	17,500.00		
S. F. Elec. & Pro. Co.	15.34	69,229.65	
Regular Transfers:			
Transfer from—			
Unapportioned Fee Fund	267,010.32		
Advertising Fund	9,476.20		
Police R. & P. Fund	25,237.07		
General Fund 1910-11	560,828.72		
State of California	1,278.05	863,830.36	
Transfer from—Res. No. 8959 (N. S.)—			
Gough St. Widening Fund	1,958.50		
J. Res. No. 96—			
3½% Hospital Bd. Fd.	71.75		
3½% Mission Park Bd. Fd.	340.66		
3½% Playgrounds Bd. Fd.	54.56		
4½% Water Supply Bd. Fd.	16.13		
Yerba Buena School Fd.	277.85		
Architects' Deposit Fd.	10.00	2,729.45	
Loan Transfers:			
Transfer from—			
Assessor's Account	370,000.00		
Fire Protection Bd. Fd.	490,000.00		
Geary St. R. R. Bd. Fd.	890,000.00		
Polytechnic Bd. Fd.	375,000.00		
5% Hospital Bd. Fd.	200,000.00	2,825,000.00	11,111,542.77
Common School Fund—			
Taxes		1,082,531.39	
State School Money		586,214.78	
Rent of School Property		7,494.00	
Rent—Lincoln School Lots		45,360.00	
Sale of Junk		100.00	
Loan Transfers:			
Transfer from—			
Assessor's Account	175,000.00		
Garbage Sys. Bd. Fd.	296,000.00		
Fire Protection Bd. Fd.	137,000.00	608,000.00	2,329,700.17
Teachers' Institute Fund—			
Examination and Certificate Fees			590.00
Advertising Fund—			
Board of Supervisors		3,770.85	
Board of Works		5,408.60	
Board of Fire Commissioners		296.75	9,476.20

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RECEIPTS—Continued

Advertising Redemption Fund—			
Auditor		141.68	
Tax Collector		182.16	323.84
Unapportioned Fee Fund—			
Mayor		10.00	
Registrar		3,450.00	
Treasurer		6.50	
Coroner		1.15	
Auditor		92.50	
Sheriff		22,855.73	
County Clerk		86,770.25	
Recorder		89,917.25	
" Marriage Licenses		5,622.50	
Justice Clerk		24,898.25	
Board of Works		22,591.70	
Board of Health		1,116.45	
Police Department		1,052.50	
Public Pound		5,445.40	
Dept. of Electricity		14,063.15	277,893.33
Park Fund—			
Taxes		322,816.60	
Receipts Children Quarters		37,458.65	
Receipts Beach Chalet		2,536.30	
Receipts Motorcycle Permits		315.00	
Rent Boat House		275.00	
Rent Japanese Tea Gardens		600.00	
Rent Vegetable Gardens		60.00	
Rent Park Benches		70.00	
Sale Sacks		649.60	
Sale Sand		300.00	
Sale Elks		300.00	
Sale Horseshoes		5.00	
Sale Condemned Horses		108.80	
Sale Wool		22.08	
Sale Condemned Buggies		20.45	
Program Privilege		108.00	
S. F. R. & D. Club—Privilege		350.00	
Duplicate Payment—McNab & Smith		30.00	
Labor Payments		580.75	
Penalty exacted for dumping Sand (J. C. McLean)		25.00	
Resolution Transfers:			
Transfer from—			
Gen'l Fd., Res. No. 8795 N.S.	6,000.00		
Gen'l Fd. Ord. No. 1584	18,000.00	24,000.00	
Loans Tranfers:			
Transfer from—			
Assessor's Account	19,500.00		
3½% Library Bond Fd.	30,500.00		
4½% Polytechnic Bd. Fd.	13,000.00		

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RECEIPTS—Continued

4½% Geary St. Ry. Bd. Fd..	15,500.00			
5% Garbage System Bd. Fd....	35,000.00			
5% Fire Protection Bd. Fd....	8,000.00		121,500.00	512,131.23
Library Fund—				
Taxes			78,358.18	
Fines, etc.			3,071.60	
Books lost and paid for			129.40	
Insurance Rebate			63.35	81,622.53
House Moving—Board of Works—				
Permits				1,790.00
House Moving—Dept. of Electricity—				
Permits				1,200.00
Police Relief & Pension Fund—				
Rewards of Officers			145.00	
Fines of Officers			250.00	
Contribution of Officers			21,194.00	
Net proceeds from Auction Sale			878.38	
Unclaimed Cash			592.75	
Regular Tranfers:				
Transfer from—				
Unapportioned Fee Fund		1,040.00		
General Fund, a-c—				
Licenses	63,596.30			
P. C. Fines	13,596.01	77,192.31	78,232.31	101,292.44
Duplicate Tax Fund—				
Taxes				6,066.79
Tearing Up Streets Fund—				
Sewer Permits				94,734.15
Assessor's Account—				
P. P. Taxes			771,131.89	
Returned Loans Transfers—				
General Fd.		370,000.00		
School Fd.		175,000.00		
Park Fd.		19,500.00		
Firemen Relief Fd.		16,000.00	580,500.00	1,851,631.89
Robinson Bequest Interest Fund—				
Interest Received				2,000.00
Henri Windel Bequest Interest Fund—				
Interest Received				892.12
State of California—				
Taxes			283,433.65	
Poll Taxes			90,890.20	
Redemption of Property sold to State			5,622.69	
Collateral Inheritance Taxes			508,829.87	
Pure Food Act Fines			140.00	
Maintenance—				
Whittier Reform School			964.69	
Preston School of Industry			9,426.84	
Home for Feeble Minded Children			30,675.00	929,982.94
Firemen's Relief Fund—				
Taxes			73,662.24	

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RECEIPTS—Continued

Loan Transfers:			
Transfer from—			
Assessor Account	16,000.00		
3½% Library Bond Fd.	7,000.00		
4½% Polytechnic Bond Fd.	1,750.00		
4½% Geary St. Ry. Bd. Fd.	7,000.00		
5% Fire Protection Bd. Fd.	8,500.00		
5% Garbage Sys. Bd. Fd.	4,000.00	44,250.00	117,912.24
Special Permit Fund—			
Sidewalk, etc. Space			85,103.50
Special Badge Fund—			
Runners and Solicitors Permits			245.00
Police Court Bail Money—			
Bail Deposited			549,775.00
Waterworks Fund—			
Rentals		3,592.58	
Deficit Deposits		653.77	
Res. Transfer—			
Trans. from Gen'l Fd. Res. No. 9355 (N.S.)		725.00	4,971.35
Stanyan St. Opening Fund—			
Assessments			10,989.07
North Stanyan St. Widening Fund—			
Assessments			6,420.29
Overpayment Corp. Taxes Fund—			
Assessor S. P. P. Corp. Taxes, J. R. No. 85			1,285.56
3½% P. B. Sewer Bond Fund—			
Sale of Bonds		181,200.00	
Ocean Shore R. R. Co.—Extra cost of Construction work) San Bruno Ave. Sewer		222.76	181,422.76
3½% P. B. School Bond Fund—			
Sale of Bonds			188,900.00
3½% P. B. Streets Bond Fund—			
Sale of Bonds			30,000.00
3½% P. B. Library Bond Fund—			
Returned Loans Tranfers:			
Transfer from—			
Park Fund	30,500.00		
Firemen's Relief Fund	7,000.00	37,500.00	37,500.00
4½% P. B. Geary St. Railway Bond Fund—			
Sale of Bonds—Par	800,000.00		
Premium	2,074.00	802,074.00	
Bd. of Works—Payment by H. L. Hatch, expense in taking down and replacing trolley wires		39.05	
Returned Loans Tranfers:			
Transfer from—			
General Fund	890,000.00		
Park Fund	15,500.00		
Firemen Relief Fund	7,000.00	912,500.00	1,714,613.05

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RECEIPTS—Continued

4½% P. B. Polytechnic High Bond Fund—			
Returned Loans Transfers:			
Transfer from—			
General Fund	375,000.00		
Park Fund	13,000.00		
Firemen Relief Fund	1,750.00	389,750.00	389,750.00
4½% P. B. Hetch Hetchy (Water) Bond Fund—			
Sale of Bonds			990,000.00
5% Fire Protection Bond Fund—			
Sale of Bonds—Par	320,000.00		
Premium	19,344.64	339,344.64	
Returned Loans Transfers:			
Transfer from—			
General Fund	490,000.00		
School Fund	137,000.00		
Park Fund	8,000.00		
Firemen Relief Fund	8,500.00	643,500.00	982,844.64
5% P. B. Sewer Bond Fund—			
Sale of Bonds—Par	600,000.00		
Premium	36,257.36	636,257.36	
Extra cost of construction:			
S. P.Co.—Sec.C Division Swr.	4,089.98		
W.P.Co.—Sec.B Division Swr.	3,439.65	7,529.63	643,786.99
5% School Bond Fund—			
Sale of Bonds—Par	500,000.00		
Premium	25,788.00	525,788.00	525,788.00
5% Hospital Bond Fund—			
Sale of Bonds—Par	200,000.00		
Premium	7,049.00	207,049.00	
Returned Loan Transfer:			
Transfer from General Fund		200,000.00	407,049.00
5% P. B. Hall of Justice Bond Fund—			
Sale of Bonds—Par	140,000.00		
Premium	4,578.00	144,578.00	
Res. Transfer:			
Transfer from—			
3½% Jail Bond Fund, Resolution No. 8971, N.S.		10,597.20	155,175.20
5% P. B. Garbage System Bond Fund—			
Sale of Bonds		8,000.00	
Retd. Loan Transfers:			
Transfer from—			
School Fund	296,000.00		
Park Fund	35,000.00		
Firemen Relief Fund	4,000.00	335,000.00	343,000.00
3½% Hospital Redemption Fund—			
Taxes		22,137.98	
State Taxes Refund		2,574.40	24,712.38
3½% Sewer Redemption Fund—			
Taxes		175,193.94	
Regular Transfer:			
Transfer from 3½% Sewer Interest Fund		6.41	175,200.35

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RECEIPTS—Continued

3½% School Redemption Fund—		
Taxes	80,687.28	
State Taxes Refund	9,385.84	90,073.12
3½% Street Redemption Fund—		
Taxes	35,973.80	
State Taxes Refund	4,183.40	40,157.20
3½% Jail Redemption Fund—		
Taxes	15,680.06	
State Taxes Refund	1,823.54	17,503.60
3½% Library Redemption Fund—		
Taxes	36,894.54	
State Taxes Refund	4,290.67	41,185.21
3½% Playgrounds Redemption Fund—		
Taxes	16,602.60	
State Taxes Refund	1,930.80	18,533.40
3½% Park Extension Redemption Fund—		
Taxes	7,379.07	
State Taxes Refund	858.14	8,237.21
3½% Mission Park Redemption Fund—		
Taxes	6,456.93	
State Taxes Refund	750.86	7,207.79
4½% Water Supply Redemption Fund—		
Taxes	89,470.31	
State Taxes Refund	10,404.88	99,875.19
5% Garbage System Redemption Fund—		
Taxes	44,735.16	
State Taxes Refund	5,202.44	49,937.60
5% Hall of Justice Redemption Fund—		
Taxes	44,538.51	
State Taxes Refund	5,202.44	49,740.95
3½% Hospital Interest Fund—		
Taxes	2,309.85	
State Taxes Refund	268.16	2,578.01
3½% School Interest Fund—		
Taxes	18,440.44	
State Taxes Refund	1,609.00	
Accrued Interest	1,241.52	21,290.96
3½% Street Interest Fund—		
Taxes	22,122.35	
State Taxes Refund	2,038.06	
Accrued Interest	212.14	24,372.55
3½% Jail Interest Fund—		
Taxes	5,074.44	
State Taxes Refund	589.96	5,664.40
3½% Library Interest Fund—		
Taxes	13,842.62	
State Taxes Refund	1,609.00	15,451.62
3½% Playgrounds Interest Fund—		
Taxes	18,912.04	
State Taxes Refund	2,198.96	21,111.00

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RECEIPTS—Continued

3½% Park Extension Interest Fund—		
Taxes	8,303.20	
State Taxes Refund	965.40	9,268.60
3½% Mission Park Interest Fund—		
Taxes	7,380.87	
State Taxes Refund	858.14	8,239.01
4½% Water Supply Interest Fund—		
Taxes	14,358.38	
State Taxes Refund	1,662.64	16,021.02
4½% Geary St. Railway Interest Fund—		
Taxes	32,319.78	
State Taxes Refund	2,145.34	
Accrued Interest	8,888.90	43,354.02
4½% Polytechnic High Interest Fund—		
Taxes	12,006.38	12,006.38
4½% Hetch Hetchy (Water) Interest Fund—		
Taxes	27,728.17	
Accrued Interest	17,529.53	45,257.70
5% Fire Protection Interest Fund—		
Taxes	187,743.53	
State Taxes Refund	21,828.78	
Accrued Interest	2,177.79	211,750.10
5% Sewer Interest Fund—		
Taxes	135,949.81	
State Taxes Refund	13,515.61	
Accrued Interest	4,083.36	153,548.78
5% School Interest Fund—		
Taxes	165,096.23	
State Taxes Refund	15,178.24	
Accrued Interest	4,444.45	184,718.92
5% Hospital Interest Fund—		
Taxes	72,759.79	
State Taxes Refund	5,792.40	
Accrued Interest	2,194.44	80,746.63
5% Hall of Justice Interest Fund—		
Taxes	43,247.32	
State Taxes Refund	3,432.54	
Accrued Interest	1,536.11	48,215.97
5% Garbage System Interest Fund—		
Taxes	42,851.37	
State Taxes Refund	4,129.78	
Accrued Interest	194.45	47,175.60
Total		$33,667,744.49

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DISBURSEMENTS.

City and County Funds.

General Fund, 1910-11—			
Reg. Transfer:			
Transfer to General Fund, 1911-12			$ 560,828.72
General Fund, 1911-12—			
Demands paid		$ 7,987,202.27	
Superior Court Orders		19,091.65	
Regular Transfers:			
Transfer to—			
Police R.&P.Fd.,ac. Licenses	$ 63,596.80		
Police Court Fines	13,596.01	77,192.81	
Res. Transfers:			
Transfer to—			
Park Fd. Res. 8795....$6,000			
Park Fd. Ord. 1584..18,000	24,000.00		
Waterworks Fd. Res. 9355..	725.00	24,725.00	
Transfers Loans Retd.:			
Transfer to—			
Assessor Account	370,000.00		
Geary St. Ry. Bd. Fd.	890,000.00		
Polytechnic High Bd. Fd.	375,000.00		
5% Hospital Bd. Fd.	200,000.00		
Fire Prot. Bd. Fd.	490,000.00	2,325,000.00	10,433,211.23
Common School Fund—			
Demands Paid		1,688,136.05	
Transfers Loans Retd:			
Transfer to—			
Assessor Account	175,000.00		
Garbage Sys. Bd. Fd.	296,000.00		
Fire Prot. Bd. Fd.	137,000	608,000.00	2,296,136.05
Yerba Buena School Fund—			
Res. Transfer—			
Transfer to General Fund Res. 96			277.85
Advertising Fund—			
Reg. Transfer—			
Transfer to General Fund			9,476.20
Teachers' Institute Fund—			
Demands Paid			180.90
Advertising Redemption Fund—			
Demands Paid			323.84
Unapportioned Fee Fund—			
Demands Paid		12,184.60	
Reg. Transfers:			
Transfer to:			
General Fund	267,010.32		
Police R. & P. Fund	1,040.00	268,050.32	280,234.92

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DISBURSEMENTS—Continued

Park Fund—			
Demands Paid		393,934.42	
Transfers Loans Retd.—			
Transfer to:			
Assessor Account	19,500.00		
Library Bond Fund	30,500.00		
Polytechnic Bond Fund	13,000.00		
Geary St. Ry. Bond Fund	15,500.00		
Fire Protection Bond Fund	8,000.00		
Garbage System Bond Fund	35,000.00	121,500.00	515,434.42
Library Fund—			
Demands Paid			79,478.97
Police Relief and Pension Fund—			
Demands Paid		76,837.70	
Reg. Transfer—			
Transfer to General Fund		25,237.07	102,074.77
House Moving, Board of Works—			
Demands Paid			1,630.00
House Moving, Department of Electricity—			
Demands Paid			824.50
Duplicate Tax Fund—			
Demands Paid			5,041.54
Tearing Up Streets Fund—			
Demands Paid			87,294.97
Robinson Bequest Interest Fund—			
Demands Paid			2,000.00
Henri Windel Bequest Interest Fund—			
Demands Paid			892.12
State of California—			
Net Taxes		190,837.73	
Tax Coll. Spec.		1,369.41	
Poll Taxes		93,588.80	
Collateral Inheritance Taxes		508,829.87	
Redemption of Property Sold to State		5,622.69	
Violation Pure Food Act		140.00	
Treasurer's Mileage		72.00	
Refund Taxes		95.88	
State School Money		93,536.25	
Maintenance—			
Whittier Reform School	994.89		
Preston School of Industry	9,426.84		
Home for F. M. Children	28,325.00	38,746.73	
Reg. Transfer—			
Transfer to General Fund (Assessor 6% Commission)		1,278.05	934,067.41
Assessor's Account—			
Apportioned to Sundry Funds	594,872.36		
Apportioned to State of California	14,871.81	609,744.17	

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DISBURSEMENTS—Continued

Loans Transfers:			
Transfer to:			
General Fund	370,000.00		
Common School Fund	175,000.00		
Park Fund	19,500.00		
Firemen's Relief Fund	16,000.00	580,500.00	1,190,244.17
Firemen's Relief Fund—			
Demands Paid		72,243.14	
Transfers Retd. Loans—			
Transfer to:			
Assessor's Account	16,000.00		
Library Bond Fund	7,000.00		
Polytechnic Bond Fund	1,750.00		
Geary St. Ry. Bond Fund	7,000.00		
Fire Protection Bond Fund	8,500.00		
Garbage System Bond Fund	4,000.00	44,250.00	116,493.14
Special Permit Fund—			
Demands Paid			83,716.50
Special Badge Fund—			
Demands Paid			190.00
Police Court Bail Money—			
Demands Paid			545,900.00
Waterworks Fund—			
Demands paid			4,869.18
Beale St. Assessment Fund—			
Demands paid			42,767.32
Overpayment Corp. Taxes Fund—			
Demands paid			1,192.67
Gough St. Widening Assessment Fund—			
Res. Transfer:			
Transfer to General Fund Res. 8959			1,958.50
Architects' Deposit Fund—			
Res. Transfer:			
Transfer to—			
General Fund J. R. No. 96			10.00
3½% P. B. Hospital Bond Fund—			
Res. Transfer:			
Transfer to—			
General Fund—J. R. No. 96			71.75
3½% P. B. Playgrounds Bond Fund—			
Res. Transfer:			
Transfer to—			
General Fund—J. R. No. 96			54.56
3½% P. B. Mission Park Bond Fund—			
Res. Transfer:			
Transfer to—			
General Fund—J. R. No. 96			340.66

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DISBURSEMENTS—Continued

3½% Sewer Bond Fund—			
Demands paid			216,094.58
3½% P. B. School Bond Fund—			
Demands paid			219,269.40
3½% P. B. Streets Bond Fund—			
Demands paid			70,560.87
3½% P. B. Jail Bond Fund—			
Demands paid		2,563.95	
Res. Transfer:			
Transfer to—			
5% Hall of Justice Bd. Fd. Res. No. 8971		10,597.20	13,161.15
3½% P. B. Library Bond Fund—			
Loans Transfers:			
Transfer to—			
Park Fund		30,500.00	
Firemen's Relief Fund		7,000.00	37.500.00
4½% P. B. Water Supply Bond Fund—			
Demands paid		249.00	
Res. Transfer:			
Transfer to—			
General Fund—J. R. No. 96		16.13	265.13
4½% P. B. Geary St. Railway Bond Fund—			
Demands paid		386,740.98	
Loan Transfers:			
Transfer to—			
General Fund	890,000.00		
Park Fund	15,500.00		
Firemen Relief Fund	7,000.00	912,500.00	1,299,240.98
4½% P. B. Polytechnic High Bond Fund—			
Demands paid		189,815.79	
Loan Transfers:			
Transfer to—			
General Fund	375,000.00		
Park Fund	13,000.00		
Firemen's Relief Fund	1,750.00	389,750.00	579.565.79
4½% P. B. Hetch Hetchy (Water) Bond Fund—			
Demands paid			749,417.55
5% Fire Protection Bond Fund—			
Demands Paid		853,917.82	
Loan Transfers:			
Transfer to—			
General Fund	490,000.00		
School Fund	137,000 00		
Park Fund	8,000,00		
Firemen Relief Fund	8,500.00	643,500.00	1,497,417.82
5% P. B. Sewer Bond Fund—			
Demands paid			1,146,327.45

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DISBURSEMENTS—Continued

5% P. B. School Bond Fund—			
Demands paid			890,515.32
5% P. B. Hospital Bond Fund—			
Demands paid		539,311.57	
Loan Transfer:			
Transfer to—			
General Fund		200,000.00	739,311.57
5% P. B. Hall of Justice Bond Fund—			
Demands paid			850,129.59
5% P. B. Garbage System Bond Fund—			
Demands paid		25,284.70	
Loan Transfers:			
Transfer to—			
School Fund	296,000.00		
Park Fund	35,000.00		
Firemen Relief Fund	4,000.00	335,000.00	360,284.70
3½% Hospital Redemption Fund—			
Demands paid			25,000.00
3½% Sewer Redemption Fund—			
Demands paid			181,200.00
3½% School Redemption Fund—			
Demands paid			89,800.00
3½% Streets Redemption Fund—			
Demands paid			40,500.00
3½% Jail Redemption Fund—			
Demands paid			17,400.00
3½% Library Redemption Fund—			
Demands paid			41,100.00
3½% Playgrounds Redemption Fund—			
Demands paid			18,500.00
3½% Park Extension Redemption Fund—			
Demands paid			8,200.00
3½% Mission Park Redemption Fund—			
Demands paid			7,300.00
4½% Water Supply Redemption Fund—			
Demands paid			100,000.00
5% Garbage System Redemption Fund—			
Demands paid			50,000.00
3½% Hospital Interest Fund—			
Demands paid			3,062.50
3½% Sewer Interest Fund—			
Reg. Transfer:			
Transfer to—			
3½ Sewer Redemption Fund			6.41
3½% School Interest Fund—			
Demands paid			20,697.25
3½% Street Interest Fund—			
Demands paid			28,730.00

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DISBURSEMENTS—Continued

3½% Jail Interest Fund—	
Demands paid	5,785.50
3½% Library Interest Fund—	
Demands paid	16,665.25
3½% Playgrounds Interest Fund—	
Demands paid	21,691.25
3½% Park Extension Interest Fund—	
Demands paid	9,614.50
3½% Mission Park Interest Fund—	
Demands paid	8,559.25
4½% Water Supply Interest Fund—	
Demands paid	17,932.50
4½% Geary St. Railway Interest Fund—	
Demands paid	47,610.00
4½% Polytechnic High Interest Fund—	
Demands paid	20,497.50
4½% Hetch Hetchy (Water) Interest Fund—	
Demands paid	24,727.50
5% Fire Protection Interest Fund—	
Demands paid	210,100.00
5% Sewer Interest Fund—	
Demands paid	128,825.00
5% School Interest Fund—	
Demands paid	179,675.00
5% Hospital Interest Fund—	
Demands paid	70,600.00
5% Hall of Justice Interest Fund—	
Demands paid	46,500.00
5% Garbage System Interest Fund—	
Demands paid	40,950.00
	$26,942,508.17
Balance Cash on Hand, June 30th, 1912	6,725,236.32
Total	$33,667,744.49

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TRIAL BALANCE—CITY AND COUNTY FUNDS, FISCAL YEAR 1911-1912.

Funds.	Cash Balance June 30, 1911.	Credits Receipts.	Credits Transfers.	Debits Disbursements.	Debits Transfers.	Cash Balance June 30, 1912.
General Fund 1910-11	$ 560,828.72				$ 560,828.72	
General Fund 1911-12		$ 7,919,982.96	$3,191,559.81	$ 8,006,293.92	2,426,917.31	$ 678,331.54
Teachers' Inst. Fund	606.00	590.00		180.90		1,015.10
Common School Fund		1,721,700.17	608,000.00	1,688,136.05	608,000.00	33,564.12
Unapportioned Fee Fund	26,960.91	277,893.33		12,184.60	268,050.32	24,619.32
Advertising Fund		9,476.20			9,476.20	
Park Fund	41,697.45	366,631.23	145,500.00	393,934.42	121,500.00	38,394.26
Library Fund	30,994.35	81,622.53		79,478.97		33,137.91
Police R. & P. Fund	42,485.27	23,060.13	78,232.31	76,837.70	25,237.07	41,702.94
House Moving—Bd of Wks	590.00	1,790.00		1,630.00		750.00
House Moving—Dept of Elec	1,008.36	1,200.00		824.50		1,383.86
State of California	29,670.57	929,982.94		932,789.36	1,278.05	25,586.10
Special Permit Fund	54,547.75	85,103.50		83,716.50		55,934.75
Tearing Up Streets Fd	4,977.07	94,734.15		87,294.97		12,416.25
Special Badge Fund	924.00	245.00		190.00		979.00
Firemen Relief Fund		73,662.24	44,250.00	72,243.14	44,250.00	1,419.10
Duplicate Tax Fund	10,193.95	6,066.79		5,041.54		11,219.20
Police Court Bail Money	15,444.50	549,775.00		545,900.00		19,319.50
Waterworks Fund	2,432.58	4,246.35	725.00	4,869.18		2,534.75
Advertising Redemption Fd	10.10	323.84		323.84		10.10
Robinson Bequest Fund	250.00					250.00
Robinson Bequest Int. Fund		2,000.00		2,000.00		
Henri Windel Beq. Int. Fund		892.12		892.12		
Assessor's Account	599,081.89	771,131.89	580,500.00	609,744.17	580,500.00	760,469.61
Yerba Buena Scool Fd	277.85				277.85	
Stanyan St. Opening Fund		10,989.07				10,989.07
N. Stanyan St. Widng Fund		6,420.29				6,420.29
Architects Deposit Fund	10.00				10.00	
Beale St. Assmt. Fund	90,396.45			42,767.32		47,629.13

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Overpayment Corp. Taxes Fd....		1,285.56		1,192.67		92.89
Gough St. Widng Ass. Fd.	1,958.50				1,958.50	
3½% P. B. Mission Pk Bd Fd	340.66				340.66	
3½% P. B. Playgrounds Bd Fd	54.56				54.56	
3½% P. B. Library Bd Fd	123,497.88		37,500.00		37,500.00	123,497.88
3½% P. B. Hospital Bd. Fd....	71.75				71.75	
3½% P. B. Streets Bd. Fd.....	67,303.56	30,000.00		70,560.87		26,742.69
3½% P. B. Schools Bond Fund	32,353.58	188,900.00		219,269.40		1,984.18
3½% Sewer Bond Fund	266,867.62	181,422.76		216,094.58		232,195.80
3½% P. B. Jail Bond Fund.....	13,161.15			2,563.95	10,597.20	
4½% P. B. Water Sup. Bd. Fd.	265.13			249.00	16.13	
4½% P. B. G'ry St. Ry Bd Fd	917,852.10	802,113.05	912,500.00	386,740.98	912,500.00	1,333,224.17
4½% P.B. Plytchnc High Bd.Fd.	444,654.57		389,750.00	189,815.79	389,750.00	254,838.78
4½% P.B. Hetch Hetchy Wtr Fd.	107,813.56	990,000.00		749,417.55		348,396.01
5% P. B. Fire Protection Bd Fd	996,103.98	339,344.64	643,500.00	853,917.82	643,500.00	481,530.80
5% P. B. Sewer Bd. Fd.....	782,927.23	643,786.99		1,146,327.45		280,386.77
5% P. B. School Bd. Fd.....	433,482.96	525,788.00		890,515.32		68,755.64
5% P. B. Hospital Bd. Fd.....	416,675.74	207,049.00	200,000.00	539,311.57	200,000.00	84,413.17
5% P. B. Hall of Justice Bd Fd	240,814.47	144,578.00	10,597.20	350,129.59		45,860.08
5% P. B. Garbage Sys. Bd. Fd.	454,394.05	8,000.00	335,000.00	25,284.70	335,000.00	437,109.35
3½% Hospital Redemption Fd.	25,962.43	24,712.38		25,000.00		25,674.81
3½% Sewer Redemption Fd....	188,668.48	175,193.94	6.41	181,200.00		182,668.83
3½% School Redemption Fd..	93,080.26	90,073.12		89,800.00		93,353.38
3½% Streets Redemption Fd..	42,059.20	40,157.20		40,500.00		41,716.40
3½% Jail Redemption Fd.....	18,354.06	17,503.60		17,400.00		18,457.66
3½% Library Redemption Fd..	42,728.26	41,185.21		41,100.00		42,813.47
3½% Playgrounds Redemp. Fd	19,293.34	18,533.40		18,500.00		19,326.74
3½% Park Ext. Redemp. Fd...	8,898.03	8,237.21		8,200.00		8,935.24
3½% Mission Pk. Redemp. Fd	7,865.26	7,207.79		7,300.00		7,773.05
4½% Water Sup. Redemp. Fd.	1,887.43	99,875.19		100,000.00		1,762.62
5% Garbage Sys. Redemp. Fd..	50,333.40	49,937.60		50,000.00		50,271.00

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TRIAL BALANCE—CITY AND COUNTY FUNDS, FISCAL YEAR 1911-1912.—Continued.

Funds.	Cash Balance June 30, 1911.	Credits Receipts.	Credits Transfers.	Debits Disbursements.	Debits Transfers.	Cash Balance June 30, 1912.
5% Hall of Justice Redemp. Fd		49,740.95				49,740.95
3½% Hosp. Interest Fund.....	1,927.35	2,578.01		3,062.50		1,442.86
3½% Sewer Interest Fund.....	6.41				6.41	
3½% School Interest Fd.....	11,299.73	21,290.96		20,697.25		11,893.44
3½% Streets Interest Fund....	11,995.45	24,372.55		23,730.00		12,638.00
3½% Jail Interest Fund.....	3,247.75	5,664.40		5,785.50		3,126.65
3½% Library Interest Fund....	10,369.17	15,451.62		16,665.25		9,155.54
3½% Playgrounds Interest Fd	12,914.98	21,111.00		21,691.25		12,334.73
3½% Park Extension Int. Fd..	5,984.90	9,268.60		9,614.50		5,639.00
3½% Mission Park Interest Fd	5,209.69	8,239.01		8,559.25		4,889.45
4½% Water Supply Int. Fd...	11,939.42	16,021.02		17,932.50		10,027.94
4½% Geary St. Ry. Int. Fd....	46,357.54	43,354.02		47,610.00		42,101.56
4½% Polytechnic High Int. Fd	22,901.61	12,006.38		20,497.50		14,410.49
4½% Hetch Hetchy Water Fd.	48,062.09	45,257.70		24,727.50		68,592.29
5% Fire Protection Interest Fd	133,318.07	211,750.10		210,100.00		134,968.17
5% Sewer Interest Fund.....	78,866.92	153,548.78		128,825.00		103,590.70
5% School Interest Fund.....	127,344.95	184,718.92		179,675.00		132,388.87
5% Hospital Interest Fund.....	37,269.25	80,746.63		70,600.00		47,415.88
5% Hall of Justice Int. Fd.....	25,648.31	48,215.97		46,500.00		27,364.28
5% Garbage System Int. Fd.....	21,396.77	47,175.60		40,950.00		27,622.37
	$7,929,171.33	$18,574,916.59	$7,177,620.73	$19,764,887.44	$7,177,620.73	$6,739,200.48
Less Debit—						
A. C. Widber Defc'y Account	13,964.16					13,964.16
Total	$7,915,207.17					$6,725,236.32

Treasurer's Office, City and County of San Francisco, July 31, 1912.

JOHN E. McDOUGALD,
Treasurer.

ALFRED W. HOBRO,
Chief Deputy.

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OUTSTANDING BANK DEPOSITS.

June 29, 1912.

French American Bank	$ 46,500.00
Donohoe Kelly Banking Corp.	50,000.00
First National Bank of San Francisco	75,000.00
First Federal Trust Co. San Francisco	56,250.00
City and County Bank of San Francisco	63,000.00
Portuguese-American Bank	68,000.00
Bank of Commerce, Oakland	19,800.00
Italian-American Bank	100,000.00
Livermore Valley Savings Bank	6,800.00
First National Bank, Berkeley	62,500.00
Bank of Sausalito	7,000.00
First National Bank, Livermore	14,000.00
California National Bank, Sacramento	75,750.00
A. Mierson Banking Corp., Placerville	10,000.00
Stirling City Bank	12,000.00
Bank of Yolo, Woodland	71,750.00
Central Savings Bank, Lodi	12,300.00
Alameda Savings Bank	20,000.00
Bank of Northern California, Redding	11,250.00
Napa Savings Bank	8,000.00
First National Bank, Salinas	19,000.00
First National Bank, Fresno	48,000.00
Contra Costa County Bank, Pittsburg	10,000.00
The Mission Bank	26,250.00
Farmers & Merchants Bank, Livermore	15,150.00
Livermore Savings Bank	11,500.00
The Colfax Bank	6,000.00
National Bank of D. O. Mills & Co., Sacramento	45,000.00
San Ramon Valley Bank, Walnut Creek	15,000.00
Petaluma National Bank	30,000.00
Central Bank, Oakland	34,950.00
First National Bank, Auburn	6,250.00
Alameda National Bank	11,250.00
Farmers' Bank, Wheatland	18,000.00
First Trust & Savings Bank, Oakland	27,000.00
Bank of California National Assn.	150,000.00
Sotoyome Bank, Healdsburg	9,400.00
South Berkeley Bank	25,000.00
First National Bank, Sonora	5,500.00
Auburn Savings Bank	12,500.00
Peoples States Bank, Turlock	9,600.00
City Savings Bank, Santa Cruz	25,000.00
Union National Bank, Fresno	24,000.00
Farmers' & Mechanics Bank, Healdsburg	4,500.00
Bank of Tulare	8,000.00
Calistoga National Bank	7,000.00
Wells Fargo Nevada National Bank	200,000.00
Santa Rosa National Bank	37,500.00
First National Bank, Dixon	12,500.00
Commercial & Savings Bank, Stockton	48,000.00
Calaveras County National Bank, Angels Camp	9,650.00
First National Bank, Palo Alto	10,000.00

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OUTSTANDING BANK DEPOSITS—Continued

Merchants National Bank, San Francisco	38,000.00	
Farmers' & Mechanics' Bank, Sacramento	40,000.00	
Sacramento Valley Trust Co.	47,500.00	
Redding Savings Bank	5,000.00	
Homestead Savings Bank, Berkeley	8,000.00	
Salinas City Bank	36,000.00	
Del Norte County Bank, Crescent City	10,000.00	
Ferndale Bank	10,000.00	
Union Trust Co., San Francisco	85,000.00	
Peoples States Bank, Sacramento	11,000.00	
Union National Bank, San Luis Obispo	7,800.00	
Bank of Gilroy	6,500.00	
Northern California Bank of Savings, Marysville	25,000.00	
First National Bank, Fort Bragg	25,000.00	
First National Bank, Merced	8,900.00	
Yolo County Savings Bank, Woodland	15,500.00	
Citizens Bank, Nevada City	4,000.00	
Anglo & London Paris National Bank	225,000.00	
Mutual Savings Bank, San Francisco	150,000.00	
Petaluma Savings Bank	22,500.00	
First National Bank, Sebastopol	13,500.00	
Dairymen Bank, Valley Ford	18,000.00	
Bank & Trust Co., Tomales	18,000.00	
First National Bank, Pleasanton	5,400.00	
Bank of Italy	230,000.00	
Western Metropolis National Bank	402,500.00	
Anglo-California Trust Co., San Francisco	133,000.00	
Bank of Central California, Fresno	9,000.00	
First National Bank, Coalinga	4,500.00	
Seaboard National Bank, San Francisco	70,000.00	
First National Bank, San Pedro	9,000.00	
Savings Bank, St. Helena	12,500.00	
Marine Trust & Savings Bank, San Francisco	27,000.00	
Sonoma County National Bank, Petaluma	36,000.00	
International Banking Corp., San Francisco	86,000.00	
Santa Rosa Bank	55,000.00	
Redwood City Comml. Bank	25,000.00	
Total		$3,641,500.00

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REPORT OF SPECIAL AND UNAPPORTIONED FUNDS FOR THE FISCAL YEAR 1911-1912.

RECEIPTS.

SPECIAL AND UNAPPORTIONED FUNDS.

Balance on Hand as per last report, June 30, '11		$ 262,706.38
Tax Collector Taxes	$ 8,871,270.12	
Tax Collector Special	22,650.08	
Tax Collector Commission	5.00	
Redemption of Property sold to State	30,970.63	
Assessor Poll Taxes	90,875.20	
Assessor Commission	16,036.80	
Assessor Personal Property Taxes	771,131.89	
Assessor State P. P. Corp. Taxes	6,661.94	
Collateral Inheritance Taxes	564,698.24	
School Teachers' A. & R. Fund	18,241.28	
County Clerk Special Account	80,039.95	
Public Administrator Account	2,736.93	
Absent Heirs Account	500.47	
Justice Clerk Special Account	10.00	
State School Money	102,000.49	
State Taxes Refund	62,214.70	$10,640,038.72
Total		$10,902,745.10

DISBURSEMENTS.

Tax Collector Taxes	$ 8,854,618.76	
Tax Collector Special	22,650.08	
Tax Collector Commission	7.00	
Redemption of Property sold to State	32,033.61	
Assessor Poll Taxes	90,875.20	
Assessor Commission	15,220.20	
Assessor Personal Property Taxes	771,131.89	
Assessor State P. P. Corp. Taxes	7,714.53	
Collateral Inheritance Taxes	521,436.78	
School Teachers' A. & R. Fund	20,684.50	
Special Redemption Taxes	445.37	
County Clerk Special Account	82,992.99	
Absent Heirs Account	159.66	
Public Administrators Account	62.90	
Justice Clerk Special Account	10.00	
State School Money	160,481.64	
State Taxes Refund	62,214.70	
	10,642,739.81	
Balance Cash on Hand, June 30, 1912	260,005.29	
Total		$10,902,745.10

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RECAPITULATION.

Balances, Special and Unapportioned Funds.

Tax Collector Taxes	$ 57,147.82	
Tax Collector Commission	1.00	
Redemption of Property sold to State	2,847.03	
Assessor Commission	15,679.80	
Assessor States P. P. Corp. Taxes	6,463.34	
Collateral Inheritance Taxes	72,353.49	
Teachers' A. & R. Fund	270.29	
Special Redemption Taxes	528.61	
County Clerk Special Account	27,245.91	
Absent Heirs Account	2,767.02	
Absent Creditors Accounts	90.15	
Public Administrator Account	2,674.03	
State School Money	71,936.80	
Cash Balance June 29, 1912		$ 260,005.29

REPORT.

SCHOOL TEACHERS' ANNUITY AND RETIREMENT FUND.

Total Amount in Fund		$ 8,031.19
On Deposit in—		
French Savings Bank	$ 1,076.67	
Hibernia S. & L. Soc.	2,030.11	
Security Savings Bank	1,526.35	
German S. & L. Soc.	1,050.54	
Savings Union Bank	1,190.66	
Union Trust Co. (P. F.)	886.57	
	$ 7,760.90	
Cash Balance in Treasury, June 29, 1912	270.29	
Total		$ 8,031.19

Treasurer's Office, City and County of San Francisco, July 31, 1912.

JOHN E. McDOUGALD, Treasurer.

ALFRED W. HOBRO, Chief Deputy.

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County Clerk's Report

San Francisco, Cal., July 1st, 1912.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Dear Sir:—

In compliance with Section 9, Article XVI, of the Charter of the City and County of San Francisco, I submit herewith the annual report of the office of County Clerk, for the fiscal year 1911-12.

As to the condition and conduct of the office of County Clerk, I attach and make a part hereof, excerpts from the report of the Grand Jury, in and for the City and County of San Francisco, for the years 1911-1912.

As may be seen by reference to the Financial Statement hereto attached, the office has not only been self-sustaining during my incumbency, but has been a source of great profit to the City and County, earning in excess of running expenses the sum of $416,816.50.

Respectfully submitted,

H. I. MULCREVY,
County Clerk, and Ex-Officio Clerk of the Superior Court.

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EXCERPTS FROM THE REPORT OF THE GRAND JURY, 1911-1912, ON THE OFFICE OF THE COUNTY CLERK.

San Francisco, May 17, 1912.

To the Foreman and Members of the Grand Jury
of the City and County of San Francisco.

Gentlemen:—

* * * On investigation we found the method of handling papers, from their first presentation until their final disposition, simple, practical and easily understood.

In every department good order prevails.

We examined the books and found them neatly written and accurately kept, so that your committee was impressed with the fact that the clerks had been carefully selected and were experienced, competent men.

Our last visit was in the Temporary City Hall, where the same general system prevails. The new quarters are much more suitable for the business of the office than the previous ones, because the principal departments are now on the first floor under the direct supervision of the County Clerk, and more desirable for him and more convenient for those whose business calls them to the County Clerk's office.

When your committee first visited this office it was not under Civil Service rules. Since then, however, an opinion was given by City Attorney Percy V. Long * * * .

The City Attorney's report goes into the entire subject matter and closes by saying, "From the foregoing it follows that the County Officers mentioned in Article XIII of Charter are now subject to the provisions of that Article." This opinion has been accepted by the County Clerk, but as the Civil Service Commission has no list at the present time, the Deputy Clerks are appointed monthly as temporary employees. On inquiry we learn that many of these clerks have been in this important office for years and are familiar with the work and are experienced men. Under these circumstances, your committee is of the opinion that if these trained men could legally be placed on the Civil Service list without further examination and hold the positions they now fill, there being no list of available clerks at present, the Public Service would get the benefit of their experience, which the City has alrady paid for, and no injustice would be done as might be possible if there was a waiting list of clerks for these positions.

Afterwards as positions become vacant they should be filled from a list of competent clerks, which will no doubt be provided by the Civil Service Commission.

Respectfully submitted,

JOHN MULHERN,
Chairman,
EDWARD W. BROWN,
JOHN HOLLAND.

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FINANCIAL STATEMENT FIRST HALF FISCAL YEAR 1911-1912 ENDING DECEMBER 31, 1911.

DEPARTMENTS.	July.	August.	September.	October.	November.	December.	Totals.
General Department	$ 2,648.75	$ 3,271.75	$ 2,677.00	$ 3,431.00	$ 3,126.75	$ 3,143.50	$18,298.75
Quiet Title Department	1,008.65	1,416.80	1,256.50	1,202.40	1,296.85	1,529.00	7,710.20
Civil Department	881.00	1,248.25	1,116.50	1,124.40	1,197.85	1,244.75	6,812.75
Probate Department	888.60	1,207.80	995.60	1,005.05	1,150.20	1,292.65	6,539.90
Naturalization Department	58.00	74.00	33.00	53.00	40.00	30.00	288.00
Marriage License Department	950.50	984.50	905.00	1,013.50	996.00	951.50	5,801.00
Police Court Department No. 1	105.00	450.00	415.00	525.00	605.00	847.00	2,947.00
Police Court Department No. 2	525.00		630.00	650.00	555.00	2,134.00	4,494.00
Police Court Department No. 3	325.00	1,700.00	20.00	435.00	455.00	4,335.00	7,270.00
Police Court Deaprtment No. 4	380.00	720.00	350.00	393.50	395.00	5,155.00	7,393.50
Law Library—							
General Department	471.00	594.00	477.00	622.00	552.00	562.00	3,278.00
Quiet Title Department	130.00	194.00	180.00	194.00	203.00	219.00	1,120.00
Civil Department	235.00	333.00	272.00	255.00	251.00	254.00	1,600.00
Probate Department	110.00	144.00	133.00	126.00	145.00	182.00	840.00
Total Receipts	$ 8,716.50	$12,338.10	$ 9,460.60	$11,029.85	$10,968.65	$21,879.40	$74,393.10
Total Disbursements, Salaries	8,983.33⅓	8,983.33⅓	8,983.33⅓	8,956.63⅓	8,983.33⅓	8,983.33⅓	53,873.30
Deficit	$ 266.83⅓						
Excess of Receipts		$ 3,354.76⅔	$ 477.26⅔	$ 2,073.21⅔	$ 1,985.31⅔	$12,896.06⅔	$20,519.80

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FINANCIAL STATEMENT SECOND HALF FISCAL YEAR 1911-1912 ENDING JUNE 30, 1912.

DEPARTMENTS.	January.	February.	March.	April.	May.	June.	Totals.
General Department	$ 3,621.50	$ 3,604.75	$ 3,407.00	$ 3,196.75	$ 3,139.75	$ 2,882.25	$19,852.00
Quiet Title Department	1,155.70	1,044.10	1,012.70	1,077.75	1,060.45	839.70	6,190.40
Civil Department	1,350.95	1,149.75	1,225.00	1,109.25	1,170.25	1,132.80	7,138.00
Probate Department	1,467.60	1,237.85	1,364.40	1,289.90	1,304.75	1,042.25	7,706.75
Naturalization Department	35.00	56.00	60.00	54.00	48.00	25.00	278.00
Marriage License Department	981.50	864.00	699.50	994.00	811.50	1,426.50	5,777.00
Police Court Department No. 1	1,715.00	950.00	870.00	860.00	650.00	1,055.00	6,100.00
Police Court Department No. 2	929.00	1,390.00	2,483.00	1,648.00		1,240.00	7,690.00
Police Court Department No. 3	2,580.00	1,327.00	1,680.00	2,175.00	1,320.00	845.00	9,927.00
Police Court Department No. 4	2,179.50	2,601.50	1,429.00	1,250.00	962.50	135.00	8,557.50
Law Library—							
General Department	641.00	658.00	601.00	568.00	556.00	519.00	3,543.00
Quiet Title Department	182.00	162.00	172.00	185.00	175.00	117.00	993.00
Civil Department	310.00	271.00	278.00	272.00	290.00	285.00	1,706.00
Probate Department	188.00	154.00	164.00	168.00	152.00	124.00	950.00
Total Receipts	$17,336.75	$15,469.95	$15,445.60	$14,847.65	$11,640.20	$11,668.50	$86,408.65
Total Disbursements, Salaries	8,883.33 ⅓	8,983.33 ⅓	8,983.33 ⅓	8,983.33 ⅓	8,983.33 ⅓	8,933.33 ⅓	53,750.00
Excess of Receipts	$ 8,453.41 ⅔	$ 6,486.61 ⅔	$ 6,462.26 ⅔	$ 5,864.31 ⅔	$ 2,656.86 ⅔	$ 2,735.16 ⅔	$32,658.65

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FINANCIAL SUMMARY.

Fiscal Year, 1911-1912.

Commencing July 1, 1911, Ending June 30, 1912.

General Department	$ 38,150.75	
Quiet Title Department	13,900.60	
Civil Department	13,950.75	
Probate Department	14,246.65	
Naturalization Department	566.00	
Marriage License Department	11,578.00	
Police Court Department No. 1	9,047.00	
Police Court Department No. 2	12,184.00	
Police Court Department No. 3	17,197.00	
Police Court Department No. 4	15,951.00	
Law Library—		
General Department	6,821.00	
Quiet Title Department	2,113.00	
Civil Department	3,306.00	
Probate Department	1,790.00	
Total Receipts		$160,801.75
Total Disbursements, Salaries		107,623.30
Excess of Receipts		$ 53,178.45

SUMMARY.

Total Receipts	$160,801.75	
Total Disbursements, Salaries	107,623.30	
Excess of Receipts over Disbursements		$ 53,178.45

SUPERIOR COURT.

Fines and Forfeitures from July 1, 1911, to June 30, 1912	$ 1,590.50
Grand Total Excess of Receipts over Disbursements	$ 54,768.95

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FINANCIAL SUMMARY.

During the incumbency of H. I. Mulcrevy, County Clerk.

Fiscal Year 1905-1906—		
Receipts	$ 89,079.85	
Disbursements, Salaries	84,975.00	
Excess of Receipts	$ 4,104.85	$ 4,104.85
Fiscal Year 1906-1907—		
Receipts	$127,410.50	
Disbursements, Salaries	86,860.00	
Excess of Receipts	$ 40,550.50	40,550.50
Fiscal Year 1907-1908—		
Receipts	$179,771.65	
Disbursements, Salaries	95,737.50	
Excess of Receipts	$ 84,034.15	84,034.15
Fiscal Year 1908-1909—		
Receipts	$189,560.25	
Disbursements, Salaries	98,550.00	
Excess of Receipts	$ 91,010.25	91,010.25
Fiscal Year 1909-1910—		
Receipts	$155,419.10	
Disbursements, Salaries	101,800.00	
Excess of Receipts	$ 53,619.10	53,619.10
Fiscal Year 1910-1911—		
Receipts	$185,460.70	
Disbursements, Salaries	102,650.00	
Excess of Receipts	$ 82,810.70	82,810.70
Fiscal Year 1911-1912—		
Receipts	$160,801.75	
Disbursements, Salaries	107,623.30	
Excess of Receipts	$ 53,178.45	53,178.45
Total Excess of Receipts, fiscal years 1905-1906, 1906-1907, 1907-1908, 1908-1909, 1909-1910, 1910-1911, 1911-1912		$409,308.00

SUPERIOR COURT.

Fines and Forfeitures from April 18, 1906, to June 30, 1910	$ 3,078.00	
Fines and Forfeitures from July 1, 1910, to June 30, 1911	2,840.00	
Fines and Forfeitures from July 1, 1911, to June 30, 1912	1,590.50	
Total	$ 7,508.50	7,508.50
Grand Total Excess of Receipts		$416,816.50

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GENERAL DEPARTMENT.

		Totals.
Civil Suits Filed—		
From April 18, 1906, to June 30, 1908	17,455	
From July 1, 1908, to June 30, 1909	6,466	
From July 1, 1909, to June 30, 1910	6,505	
From July 1, 1910, to June 30, 1911	6,109	
From July 1. 1911, to June 30, 1912	6,579	
		43,114
Adoptions Filed—		
From April 18, 1906, to June 30, 1908	76	
From July 1, 1908, to June 30. 1909	51	
From July 1, 1909, to June 30, 1910	50	
From July 1, 1910, to June 30, 1911	53	
From July 1, 1911, to June 30, 1912	67	
		297
Certificates of Incorporation Filed—		
From April 18, 1906, to June 30, 1908	4,069	
From July 1, 1908, to June 30, 1909	1,515	
From July 1, 1909. to June 30, 1910	1,554	
From July 1, 1910, to June 30, 1911	1,381	
From July 1, 1911, to June 30, 1912	1,422	
		9,941
Certificates of Co-Partnership Filed—		
From April 18, 1906, to June 30, 1908	256	
From July 1, 1908, to June 30, 1909	81	
From July 1, 1909, to June 30, 1910	80	
From July 1, 1910. to June 30, 1911	84	
From July 1, 1911, to June 30, 1912	419	
		920
Special Co-Partnership Filed—		
From April 18, 1906, to June 30, 1908	6	
From July 1, 1908, to June 30, 1909	6	
From July 1, 1909, to June 30, 1910	1	
From July 1, 1910, to June 30, 1911	8	
From July 1, 1911, to June 30, 1912	3	
		24
Auctioneers' Bonds Filed—		
From April 18, 1906, to June 30, 1908	50	
From July 1, 1908, to June 30, 1909	27	
From July 1, 1909, to June 30, 1910	16	
From July 1, 1910, to June 30, 1911	13	
From July 1, 1911, to June 30, 1912	10	
		116
Official and Notarial Bonds Filed—		
From April 18, 1906, to June 30, 1908	45	
From July 1, 1908, to June 30, 1909	34	
From July 1, 1909, to June 30, 1910	21	
From July 1, 1910, to June 30, 1911	6	
From July 1, 1911, to June 30, 1912	19	
		125
Oaths of Office Filed—		
From April 18, 1906, to June 30, 1908	852	
From July 1, 1908, to June 30, 1909	305	
From July 1, 1909, to June 30, 1910	340	
From July 1, 1910, to June 30, 1911	160	
From July 1, 1911, to June 30, 1912	371	
		2,038

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GENERAL DEPARTMENT—Continued.

		Totals.
Candidates' Statements Filed—		
From April 18, 1906, to June 30, 1908	68	
From July 1, 1908, to June 30, 1909	10	
From July 1, 1909, to June 30, 1910	31	
From July 1, 1910, to June 30, 1911	9	
From July 1, 1911, to June 30, 1912	34	
		152
Surety Company Certificates Filed—		
From July 1, 1908, to June 30, 1909	14	
From July 1, 1909, to June 30, 1910	3	
From July 1, 1910, to June 30, 1911	6	
From July 1, 1911, to June 30, 1912	6	
		29
Superintendent Banks Certificates Filed—		
From July 1, 1909, to June 30, 1911	40	
From July 1, 1911, to June 30, 1912	1	
		41
Torrens Land Act—		
From April 18, 1906, to June 30, 1912	7	7

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CIVIL DEPARTMENT.

		Totals.
Number of Civil Actions Filed—		
From April 18, 1906, to June 30, 1907	10,572	
From July 1, 1907, to June 30, 1908	6,883	
From July 1, 1908, to June 30, 1909	6,466	
From July 1, 1909, to June 30, 1910	6,505	
From July 1, 1910, to June 30, 1911	6,109	
From July 1, 1911, to June 30, 1912	6,579	
		43,114
Number of Actions Adjudicated—		
From April 18, 1906, to June 30, 1912	18,461	
Number of Actions Dismissed—		
From April 18, 1906, to June 30, 1912	8,014	
Number of Actions Transferred—		
From April 18, 1906, to June 30, 1912	515	
Number of Actions Pending—		
June 30, 1912	16,124	
		43,114

APPEALS TO AND REMITTITURS FROM SUPREME COURT.

From April 18, 1906, to June 30, 1912.

Appeals Taken		947
Remittiturs Affirmed	391	
Remittiturs Reversed	94	
Remittiturs Dismissed	238	
Appeals Pending	224	
		947

JUSTICE COURT APPEALS.

From April 18, 1906, to June 30, 1912.

Number of Appeals Filed		1,565
Number of Appeals Adjudicated	792	
Number of Appeals Dismissed	262	
Number of Appeals Pending	511	
		1,565
Abstracts from Justice Court		1,302

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QUIET TITLE DEPARTMENT.

(McEnerney Act.)

Number of Actions filed from June 16, 1906, to June 30, 1907..	2,248	
Number of Actions filed from July 1, 1907, to June 30, 1908..	6,763	
Number of Actions filed from July 1, 1908, to June 30, 1909..	8,720	
Number of Actions filed from July 1, 1909, to June 30, 1910..	4,334	
Number of Actions filed from July 1, 1910, to June 30, 1911..	8,731	
Number of Actions filed from July 1, 1911, to June 30, 1912..	1,610	
		32,403
Number of Actions adjudicated to June 30, 1912.....	29,050	
Number of Actions pending to June 30, 1912.....	3,353	
		32,403

LICENSE DEPARTMTNT.

		CERTIFICATES RECORDED.						
Fiscal Year	Marriage Licenses Issued	Medical	Dental	Optometry	Veterniary Certificates Filed	Osteopathy	Pharmacy	Miscellaneous
1906-1907	4,856	87	14	44	2	....	....	74
1907-1908	4,150	81	37	15	6	....	....	85
1908-1909	4,070	74	45	18	7	36	11	41
1909-1910	4,449	71	27	14	1	33	12	29
1910-1911	5,261	219	32	27	....	20	1	38
1911-1912	5,617	259	35	18	....	29	3	32
Totals.....	28,403	791	190	136	16	118	27	299

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PROBATE DEPARTMENT

	Estate Commenced					LETTERS ISSUED							
	Deceased		Guardianship										
Fiscal Year	Testate	Intestate	Minor	Incompetent	Insane	Testamentary	Administration	Administrator with Will	Special	Guardianship	Restored	Missing Persons	Totals
1906-1907	593	1215	256	29	50	448	1122	102	225	337	1830	1	3,974
1907-1908	522	915	213	30	37	390	831	100	81	244	386	.....	2,103
1908-1909	507	918	255	39	21	431	903	115	89	294	225	1	1,966
1909-1910	477	938	236	54	25	396	904	102	87	320	253	.....	1,983
1910-1911	565	862	216	70	19	453	837	125	113	293	149	.....	1,881
1911-1912	541	868	213	68	23	451	829	115	83	278	85	.....	1,798

Number of Probate Matters Filed		**13,705**
Number of Probate Matters Adjudicated	**3,714**	
Number of Probate Matters Pending	**9,991**	
Totals		**13,705**

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CRIMINAL DEPARTMENT.

		Totals
Total number of Criminal actions filed from April 18, 1906, to June 30, 1912		4,926
Informations Pending June 30, 1911 (Defendants)	102	
Informations filed; year ending June 30, 1912 (513) Defendants	584	686
Convicted and sent to Prison	228	
Convicted and Fined	5	
Acquitted	81	
Dismissed	76	
Convicted and admitted to Probation	171	
Transferred to Juvenile Court	1	
Reserve Calendar, being Fugitives from Justice, Committed to Insane Asylum or convicted on other charges	29	
Committed to Preston School of Industry	9	
Pending	86	686
Accusations filed year ending June 30, 1912	2	2
Dismissed	1	
Pending	1	2
Indictments pending June 1, 1911 (Defendants)	306	
Indictments filed year ending June 30, 1912 (53) Defendants	71	377
Convicted and sent to Prison	13	
Acquitted	4	
Dismissed	294	
Probation	5	
Reserve Calendar	4	
Pending	57	377
Writs of Habeas Corpus—		
Writs pending June 30, 1911	18	
Writs issued year ending June 30, 1912	96	114
Writs Granted	28	
Writs Denied	43	
Writs Dismissed	29	
Writs Withdrawn	1	
Writs Pending	13	114
Commitments from Police Courts—		
Filed from April 18, 1906, to June 30, 1911	1,785	
Commitments from Police Courts—		
Filed from July 1, 1911, to June 30, 1912	602	2,387
Appeals from Police Courts—		
Appeals Pending June 30, 1911	20	
Appeals Filed from July 1, 1911, to June 30, 1912	70	90
Appeals Affirmed	32	
Appeals Reversed	41	
Appeals Dismissed	1	
Appeals Pending	16	90
Appeals to Supreme Court and District Court of Appeal—		
Appeals Pending June 30, 1911	11	
Appeals Filed from July 1, 1911, to June 30, 1912	19	30
Appeals Affirmed	12	
Appeals Reversed	2	
Appeals Dismissed	2	
Appeals Withdrawn	3	
Appeals Pending	11	30
Coroner's Testimony—		
Total number of Coroner's Testimony of Inquests filed from April 18, 1906, to June 30, 1911	2,246	
Total number of Coroner's Testimony of Inquests filed from July 1, 1911, to June 30, 1912	398	2,644

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JUVENILE COURTS.

		Totals
Petitions for Commitment of Dependent Children—		
Total number of petitions filed from April 18, 1906, to June 30, 1912 (3066) Children		5,183
Total number of petitions pending June 30, 1911	190	
Total number of petitions filed from July 1, 1911, to June 30, 1912 (844) Children	1,319	
Miscellaneous (Children)	921	2,430
Disposition of Cases—		
Ordered off Calendar	541	
St. Vincent de Paul Society	230	
Children's Agency	217	
Restored to Parents	141	
Dismissed	120	
Roman Catholic Orphan Asylum	74	
Probation	72	
Mt. St. Joseph Orphan Asylum	68	
St. Vincent Orphan Asylum	65	
Boys' and Girls' Aid Society	61	
Eureka Benevolent Society	60	
Probation Officer	52	
Released	40	
Catholic Humane Bureau	37	
Restored to Relatives	36	
California Girls' Training Home	28	
Preston Training School	25	
Ladies' Protective Relief Society	25	
Armitage Orphan Asylum	24	
Albertina Orphanage	21	
Vacated	18	
Maud Booth Home	13	
Golden Gate Orphanage	13	
St. Mary's Orphanage	11	
Infant Shelter	10	
St. Francis Nursery for Homeless Children	9	
Holy Cross Convent (Santa Cruz)	9	
St. Catherine's Academy	8	
Whittier State School	7	
California Prevention of Cruelty to Children	7	
Maria Kipp Orphanage	6	
Parental School	5	
Youths' Directory	4	
M. J. White	4	
Miss Conlin	4	
Mrs. Graves	3	
Annie Johnson	3	
Presbyterian Orphanage	3	
C. A. Emeline	2	
Miss Kelly	2	
Eldridge Home	1	
Hebrew Board of Relief	1	
Pending	350	2,430

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STATE HOSPITAL DEPARTMENT.

		Totals.
Number of Examinations of Insane Persons—		
From April 18, 1906, to June 30, 1907	702	
From July 1, 1907, to June 30, 1908	564	
From July 1, 1908, to June 30, 1909	596	
From July 1, 1909, to June 30, 1910	662	
From July 1, 1910, to June 30, 1911	634	
From July 1, 1911, to June 30, 1912	592	3,750
Number Committed to State Hospital—		
From April 18, 1906, to June 30, 1907	420	
From July 1, 1907, to June 30, 1908	351	
From July 1, 1908, to June 30, 1909	391	
From July 1, 1909, to June 30, 1910	442	
From July 1, 1910, to June 30, 1911	451	
From July 1, 1911, to June 30, 1912	447	2,502
Number Examined and Discharged—		
From April 18, 1906, to June 30, 1907	280	
From July 1, 1907, to June 30, 1908	211	
From July 1, 1908, to June 30, 1909	202	
From July 1, 1909, to June 30, 1910	218	
From July 1, 1910, to June 30, 1911	183	
From July 1, 1911, to June 30, 1912	145	1,239
Died—		
From April 18, 1906, to June 30, 1907	2	
From July 1, 1907, to June 30, 1908	2	
From July 1, 1908, to June 30, 1909	3	
From July 1, 1909, to June 30, 1910	2	
From July 1, 1910, to June 30, 1911	0	
From July 1, 1911, to June 30, 1912	0	9
Number of Persons (Insane) Discharged from State Hospital—		
From April 18, 1906, to June 30, 1907	174	
From July 1, 1907, to June 30, 1908	119	
From July 1, 1908, to June 30, 1909	152	
From July 1, 1909, to June 30, 1910	196	
From July 1, 1910, to June 30, 1911	178	
From July 1, 1911, to June 30, 1912	147	966

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COMMITMENTS TO STATE HOSPITAL FOR INTEMPERANCE AND USE OF DRUGS.

Number of Examinations—		
From July 1, 1911, to June 30, 1912		276
Number Committed to State Hospital—		
From July 1, 1911, to June 30, 1912		247
Number Discharged from State Hospital—		
From July 1, 1911, to June 30, 1912		49
Number Discharged by Commissioners—		
From July 1, 1911, to June 30, 1912		29

HOME FOR FEEBLE MINDED.

Number of Examinations—		
From April 18, 1906, to June 30, 1907	19	
From July 1, 1907, to June 30, 1908	21	
From July 1, 1908, to June 30, 1909	20	
From July 1, 1909, to June 30, 1910	30	
From July 1, 1910, to June 30, 1911	28	
From July 1, 1911, to June 30, 1912	20	138
Committed to Feeble Minded Home—		
From April 18, 1906, to June 30, 1907	19	
From July 1, 1907, to June 30, 1908	20	
From July 1, 1908, to June 30, 1909	19	
From July 1, 1909, to June 30, 1910	30	
From July 1, 1910, to June 30, 1911	28	
From July 1, 1911, to June 30, 1912	20	136
Number Examined and Discharged—		
From July 1, 1907, to June 30, 1912		2

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POLICE COURT.

		Totals.
Number of Misdemeanors Filed—		
From January 1, 1912, to June 30, 1912		10,042
Number of Misdemeanors Dismissed—		
From January 1, 1912, to June 30, 1912	7,739	
Number of Convictions—		
From January 1, 1912, to June 30, 1912	1,998	
Number of Misdemeanors Pending—		
June 30, 1912	305	10,042
Number of Felonies Filed—		
From January 1, 1912, to June 30, 1912		1,204
Number of Felonies Held to Answer—		
From January 1, 1912, to June 30, 1912	302	
Number of Felonies Dismissed—		
From January 1, 1912, to June 30, 1912	723	
Number of Felonies Pending—		
June 30, 1912	179	1,204

APPEALS.

From January 1, 1912, to June 30, 1912.

Number of Appeals Taken		22
Number of Appeals Affirmed	5	
Number of Appeals Modified	1	
Number of Appeals Reversed	7	
Number of Appeals Pending	9	22

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NATURALIZATION DEPARTMENT.

		Totals.
Old Law—		
Declaration of Intention—		
From April 18, 1906, to September 30, 1906		572
Naturalization of Aliens—		
From April 18, 1906, to September 30, 1906		148
New Law—		
Declaration of Intention Issued—		
From October 1, 1906, to June 30, 1908	5,188	
From July 1, 1908, to June 30, 1909	1,531	
From July 1, 1909, to June 30, 1910	1,059	
From July 1, 1910, to June 30, 1911	842	
From July 1, 1911, to June 30, 1912	87	8,707
Declaration of Intention Cancelled—		
From October 1, 1906, to June 30, 1912		10
Naturalization Petitions Filed—		
From October 1, 1906, to June 30, 1908	1,045	
From July 1, 1908, to June 30, 1909	509	
From July 1, 1909, to June 30, 1910	828	
From July 1, 1910, to June 30, 1911	1,252	
From July 1, 1911, to June 30, 1912	1,477	5,111
Naturalization Petitions Granted—		
From October 1, 1906, to June 30, 1908	632	
From July 1, 1908, to June 30, 1909	371	
From July 1, 1909, to June 30, 1910	515	
From July 1, 1910, to June 30, 1911	1,043	
From July 1, 1911, to June 30, 1912	1,293	
	3,854	
Naturalization Petitions Denied—		
From October 1, 1906, to June 30, 1912	649	
Naturalization Petitions Cancelled—		
From October 1, 1906, to June 30, 1912	20	
Naturalization Petitions Pending—		
June 30, 1912	588	5,111

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RESTORATION OF NATURALIZATION RECORDS.

		Totals.
Petitions Filed—		
From April 18, 1906, to September 30, 1906	202	
From October 1, 1906, to June 30, 1908	2,196	
From July 1, 1908, to June 30, 1909	595	
From July 1, 1909, to June 30, 1910	629	
From July 1, 1910, to June 30, 1911	537	
From July 1, 1911, to June 30, 1912	514	4,673
Petitions Granted—		
From April 18, 1906, to September 30, 1906	195	
From October 1, 1906, to June 30, 1908	2,196	
From July 1, 1908, to June 30, 1909	445	
From July 1, 1909, to June 30, 1910	493	
From July 1, 1910, to June 30, 1911	433	
From July 1, 1911, to June 30, 1912	460	
	4,222	
Petitions Denied—		
From April 18, 1906, to June 30, 1912	90	
Petitions Cancelled—		
From April 18, 1906, to June 30, 1912	6	
Petitions Pending June 30, 1912	355	4,673
Naturalization Records Cancelled by the U. S. Courts to June 30, 1912		56

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Park Commissioners

YEARLY REPORT OF PARK COMMISSIONERS.

Pursuant to Section 9, Article 16, of the Charter of the City and County of San Francisco, the Park Commissioners herewith present their report for the fiscal year, ending June 30, 1912.

W. H. METSON, President.
Park Commissioners.

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RECEIPTS.

By balance brought forward from 1911	$ 5,287.76	
Special appropriation from Board of Supervisors—Resolution 8795	6,000.00	
By revenue from Childrens' Quarters	38,770.15	
By revenue from Beach Chalet	2,583.00	
By rent of Japanese Tea Garden	600.00	
By cement sacks returned	649.60	
By S. F. Gas & Electric Co	365.25	
By Riding and Driving Club	350.00	
By Motorcycle Permits	329.00	
By rent of Boat House	300.00	
By sale of Sand	300.00	
By sale of two Elk	300.00	
By United Railroad	116.00	
By condemned Horses	108.80	
By Park Program privilege	108.00	
By Miscellaneous	332.28	
By Taxes	341,400.00	$397,899.84

DISBURSEMENTS.

Golden Gate Park—		
To Construction account	$ 42,917.75	
To Maintenance account	229,723.76	$272,641.51
Small Parks and Squares—		
To Construction	18,024.49	
To Maintenance	74,033.06	92,057.55
Administrative—		
To Salaries—Superintendent and Clerk	5,400.00	
Secretary, Accountant and Stenographer	4,320.00	
Surveyor and Draughtsman	1,594.75	
Chauffeur	1,500.00	12,814.75
Office Expenses—Stationery, typewriting material and repairs, printing ordinances, etc	760.74	760.74
Sundries—		
Music	10,733.96	
Automobile	3,450.00	
Auto fittings, repairs, supplies	1,148.53	
Advertising for bids	352.80	
General expense, freight and express	553.17	
Park Programs—Music	153.25	
Surveying materials and repairs to instruments	26.75	
Motorcycle Shields	50.00	
Mounting Buffalo Heads	80.00	
Sundries	195.26	16,743.72
To balance forwarded to next fiscal year 1912-1913	2,881.57	2,881.57
Total		$397,899.84

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CONSTRUCTION ACCOUNT.

Structures—Labor and Material—		
Pioneer Log Cabin	$ 1,939.62	
Convenience Sta.—Sloat Blvd. and Great Highway	1,297.85	
Rustic Benches	760.65	
Music Stand—Sounding board and floor	615.00	
Fences	420.08	
Tennis Courts	680.05	
Slides—Great Highway, continued	250.25	
Rustic House (not completed)	201.90	
Lavatory—Childrens' Quarters, continued	104.13	
Lavatory—Pioneer Log Cabin (not completed)	55.00	6,824.53
Sea Wall—		
Labor and material, continued	3,038.69	3,038.69
Water Works—		
Sump at Water Works, labor and material	5,699.60	
Water—Pipe extension, labor, pipe and fittings	1,512.49	7,212.09
Roads and Walks—		
Walk—South Drive	2,070.50	
Great Highway	2,950.50	
Upper Drive—Great Highway	487.00	
Bridle Path	376.50	5,884.50
Grounds—		
Labor, grass, seed, loam, etc.	2,110.96	
Fulton Street slope, continued	4,859.15	
South Drive, west of 14th Ave.	2,001.50	
Lincoln Way, west of 40th Ave.	691.75	
Grounds surrounding Pioneer Log Cabin	148.00	9,311.36
Seal Pond—Sloop Gjoa—		
Labor and material, continued	1,241.01	1,241.01
Drains—		
Labor and material	3,144.28	3,144.28
Stock and Implements—		
Auto lawn mower	1,745.00	1,745.00
Live Stock—		
Pigeons, larks, thrushes, finches, robins	109.00	109.00
Childrens' Quarters—		
Donkey and Goat Stable	333.15	
Fire Hydrants	75.65	408.80
Stadium—		
Cinder Path—Labor and material	2,470.19	2,470.19
Presidio Parkway—		
Labor and material	1,039.30	1,039.30
Conservatory—		
Orchids	989.00	989.00

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CONSTRUCTION ACCOUNT—Continued.

Small Parks and Squares—		
Alta Plaza	3,414.46	
Bernal	42.00	
Dolores	1,820.44	
Franklin	102.91	
Garfield	94.10	
Holly	6,058.92	
Lafayette	110.95	
Portsmouth	10.25	
Union	40.31	
Balboa	2,669.67	
St. Mary's	13.00	
Lincoln	3,647.48	18,024.49

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MAINTENANCE ACCOUNT.

Structures—		
To labor, lumber, paints, oils, hardware, cement, fencing, lavatory supplies and supplies used in the maintenance of structures.		
Labor	$ 6,062.92	
Paints, oils, lights	695.61	
Cement	287.65	
Wire Cloth—Aviary	284.88	
Lumber	259.11	
Lavatory supplies	224.56	
Fencing	342.38	
Repairing Benches	169.60	
Hardware	170.25	
Boats—Paints and Oils	64.45	
Brooms, brushes, mops	91.50	
Supplies	29.15	
Lime	27.20	
Sundries	362.09	9,071.35
Tennis Courts and Club House—		
Labor and fittings	1,809.26	1,809.26
Water Works—		
Labor	8,385.71	
Fuel Oil	2,327.45	
Labor, chopping wood	931.00	
Electric power furnished windmill	724.32	
Repairs to machinery—Dutch Windmill	337.54	
Boiler compound	256.88	
Machine Oil	208.10	
Machine fittings	175.93	
Hardware	125.43	
Coal Oil, Gasoline	109.23	
Hydrants	95.00	
Repairs to Windmill	73.60	
Sheet packing, supplies	118.59	
Sundries	68.68	13,937.46
Roads and Walks—		
Labor, cleaning, repairing, dressing, oiling	12,377.90	
Great Highway—Labor	2,397.50	
Oil	488.91	
Powder and Fuse	129.23	
Rock	96.00	15,489.54
Grounds—		
Labor	63,454.85	
Hose	1,153.93	
Seed, plants and bulbs	969.42	
Grass Seed	505.86	
Hardware	539.69	
Garbage Cans	293.40	
Bitumen	200.00	
Sulphate of Copper	191.84	
Spray	139.00	

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MAINTENANCE ACCOUNT—Continued.

Lumber	65.08	
Poison	46.00	
Drinking Cups	24.35	
Cartridges	28.25	
Sundries	327.64	67,939.31
Conservatory—		
Labor	4,417.63	
Cement workers and carpenters	674.75	
Coal	1,216.69	
Lumber and Millwork	313.05	
Flower Pots	119.25	
Plants	105.25	
Hardware	115.32	
Muslin	89.87	
Cement	34.20	
Boiler—Fittings for heating apparatus	222.47	
Sundries	95.81	7,404.29
Nursery—		
Labor	10,419.99	
Plants and Trees	321.67	
Seed	291.25	
Flower Pots	232.43	
Lumber	144.30	
Loam	87.90	
Sundries	104.06	11,601.60
Rolling Stock and Implements—		
Labor	2,745.50	
Smithshop	727.95	
Lawn Mowers and fittings	502.31	
Tools	452.01	
Rolling Stock	182.93	
Plumbing supplies	154.60	
Harness	109.40	4,874.70
Stables—		
Labor	3,887.00	
Feed and Hay	8,636.40	
Clipping Horses	64.75	
Wiring and installing Electric System	63.00	
Supplies	37.40	
Drugs	30.83	
Electric supplies	16.75	
Sundries	50.00	12,786.13
Beach Chalet—		
Labor	870.00	
Supplies	1,887.87	
Gas	76.05	
Laundry	63.25	
Kitchen Utensils	30.20	
Table Cloths and Napkins	23.40	
Sundries	14.15	2,964.92

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MAINTENANCE ACCOUNT—Continued.

Children's Quarters—		
Labor	11,545.60	
Supplies	19,133.79	
General Expense and Extra Help	2,106.04	
Kitchen Utensils, Crockery	1,228.63	
Feed and Hay	1,125.00	
Gas	608.80	
Coal	444.82	
Laundry	342.57	
Printing—Bags, Tickets, Bills-of-Fare, etc.	299.75	
Paper Napkins, Towels, Cloths	274.34	
Cash Register	190.00	
Merry-go-Round—Steel Rope, Repairs	137.05	
Turnstile and Fittings	112.17	
Post Cards	90.00	
Harness	82.20	
Water	82.20	
Awnings and Fittings	74.50	
Uniforms	55.62	
Hardware	33.45	
Lumber for Springboards	19.50	
Sundries	80.79	
Bitumen Donkey Cart Course	388.70	
Free May Day Expenses	1,367.88	39,822.90
Museum—		
Labor	11,898.30	
Insurance, Spooner Collection of Paintings	825.00	
Gas	377.60	
Brooms, Mops, Twine, Supplies	315.32	
General Expenses	279.00	
Coal	187.55	
Paints, Oils, Lights	172.72	
Chemical Fire Extinguisher and Hose	274.40	
Monarch—Dressed and Mounted	110.00	
Redwood, Pine, Millwork	88.75	
Stationery	73.22	
Plate Glass for Show-cases	75.00	
Hardware	64.24	
Drayage	48.55	
Turpentine, Cleaning Fluids, etc.	35.75	
Turnstile	33.33	
Natural History Supplies	37.41	
Catalogues	30.35	
Sundries	147.51	15,074.00
Live Stock—		
Buffalo, Elk, Deer, Bears, Birds, etc:		
Labor	4,418.75	
Feed	7,432.20	11,850.95
Forestry—		
Labor—Thinning and Replanting	3,891.25	3,891.25

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MAINTENANCE ACCOUNT—Continued.

Stadium—		
Labor	5,250.25	
Paint, Lumber, Lavatory Supplies, etc.	92.64	5,342.89
Presidio Parkway—		
Labor	5,272.30	
Burlap	186.78	
Lumber, Hardware	83.63	5,542.71
Drains—		
Labor	320.50	320.50
Small Parks and Squares—		
Labor, Water, Hose, Lavatory Supplies, etc:		
Alta Plaza	5,329.01	
Alamo	5,783.20	
Bernal	1,623.00	
Buena Vista	1,594.79	
Balboa	3,922.99	
Columbia	2,201.25	
Duboce	2,759.84	
Dolores	1,410.15	
Franklin	2,190.65	
Garfield	1,746.31	
Holly	2,791.74	
Hamilton	1,835.33	
Jefferson	5,333.33	
Lafayette	4,040.40	
Lobos	4,675.91	
Library	521.00	
Mission	7,071.86	
City Hall	622.50	
Portsmouth	1,505.59	
Schools	1,584.50	
Home	213.89	
South Park	444.00	
St. Mary's	1,145.21	
Union	2,787.62	
Convenience Station—Union	1,451.50	
Washington	2,094.75	
Convenience Station—Washington	1,067.44	
Mountain Lake	1,210.50	
General Account	1,303.60	
Lincoln	3,754.20	
Telegraph Hill	30.00	
Parkside	37.00	74,033.06

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Recorder's Annual Report

San Francisco, July 25, 1912.

To the Honorable,

The Mayor and the Board of Supervisors,

City and County of San Francisco:

Gentlemen:—Pursuant to Charter provisions (Article XVI, Section 9), I beg to submit herewith a detailed report of the operations in the Recorder's office for the fiscal year ending June 30, 1912.

PAPERS FILED.

Fiscal year ending June 30, 1911	65,291
Fiscal year ending June 30, 1912	56,551
Decrease in 1911-1912	8,740

A superficial glance at the above figures will prove misleading, and I desire, therefore, to show the cause for the apparent shrinkage in the business of the department, and to give the assurance that there has been no decrease in the general business; and since this general business in the recording department may be considered a fairly accurate barometer of the activities in building, real estate, and kindred operations, it is gratifying to know that the decreased total in the number of papers filed during the past fiscal year, as compared to the preceding fiscal year, was the sole result of greatly lessened operations under the so-called McEnerney Act, as the following comparison makes clear:

	1910-11	1911-12
Deeds Recorded	14,537	14,790
Mortgages	6,894	7,469
Releases	3,963	4,293
Deeds of Trust	1,877	1,958
Leases	734	958
Builders' Contracts	1,548	1,713
ALL PAPERS, except McEnerney	49,124	51,303

Thus it is shown that, in spite of the adverse total, the general business of the department for the past fiscal year was, after elminating the McEnerney comparisons, slightly in excess of the preceding fiscal year, the exact gain in general filings being 2,179 papers.

During 1910-1911 there was filed 9,341 McEnerney lis pendens and 6,826 McEnerney decrees, a total of 16,167 instruments. During 1911-1912 there was filed but 1,838 lis pendens and 3,410 decrees, a total of only 5,248 McEnerney papers. In this class of papers, therefore, the decrease was 10,919 papers.

CASH ACCOUNT.

	Cash Receipts.	Expenditures.	Surplus.
Fiscal year 1910-11	$107,218.15	$73,400.00	$33,818.15
Fiscal year 1911-12	95,534.25	75,522.43	20,011.82
Decrease, 1911-12	$ 11,683.90		$13,806.33
Increase, 1911-12		$ 2,122.43	

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In addition to the receipts for Recorder's fees, as above, there was collected as desk rentals during the year the sum of $657.50. This amount was duly paid to the Treasurer as a special account, and is not further considered in the department's operations.

The decrease in the net surplus for the past fiscal year is due (1) to the adoption by the voters of the recent charter amendment increasing the salaries of this department, which formerly were lower than those of all other county offices, and (2) to the fact that a portion of the excess copying work, caused by the recording of a great number of McEnerney decrees in the latter part of the preceding fiscal year was necessarily carried forward, and made a charge against the operations of the fiscal year under report.

Special reference is directed to the detailed tabulations on succeeding sheets, covering a period of fifty years, and showing that the department has earned, since the new charter went into effect on January 8, 1900, a total net surplus of $244,805.51. Prior to the inauguration of the new charter, while the present schedule of fees was in force, the department was conducted at a net loss to the city.

Beginning with my incumbency and the new charter era on January 8, 1900, the cash statement of the department is as follows:

	Papers.	Total Receipts.	Total Expenses.	Surplus.
1900-01	25,776	$ 39,584.45	$33,852.00	$ 5,732.45
1901-02	29,242	45,539.60	39,040.56	6,499.04
1902-03	35,112	54,077.70	43,000.00	11,077.70
1903-04	37,337	57,537.45	43,900.00	13,637.45
1904-05	41,360	63,330.85	43,900.00	19,430.85
1905-06	40,434	62,143.30	40,935.68	21,207.62
1906-07	54,070	83,978.90	56,113.20	27,207.62
1907-08	55,729	85,884.55	61,262.49	24,622.06
1908-09	64,513	105,619.90	70,400.00	35,219.90
1909-10	57,673	97,813.40	71,472.55	26,340.85
1910-11	65,291	107,218.15	73,400.00	33,818.15
1911-12	56,551	95,534.25	75,522.43	20,011.82
				$244,805.51

The above figures do not include the receipts from desk rentals, only the amounts received for recording fees being included.

As to the outlook in this department for the new fiscal year 1912-13, I will state that a substantial increase of business is confidently expected. Unless all indications fail, a revival in real estate and private building operations will follow the expenditure of the vast sums provided for the city's public improvements, for the water front development, and for the construction of the exposition. And these activities, whatever the degree, will be accurately reflected in the business of the Recorder's office.

It is estimated that about 80 per cent of the property owners have already taken advantage of the provisions of the McEnerney Act to establish record evidence of their land titles in this city and county. There can be no further great rush in this work, but it is nevertheless important that those who have not established their titles understand that the McEnerney Act will expire on December 31st of this year, that being the date to which it was extended at the last session of the legislature.

I especially desire, by means of this report and such publication as it will receive, to direct the attention of the public to the fact that building contracts filed in this department are, under the law, returnable to the parties who filed

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them, two years after the filing of the notice of completion of work under the said contracts. If the contracts are not called for, the Recorder is authorized to destroy them; this law having been passed to obviate the accumulation and care of a great number of bulky documents in an official department.

All contracts filed prior to April, 1906, were destroyed in the great conflagration. Since that date, there has been a vast accumulation of contracts. I have deemed it best to retain these contracts beyond the period prescribed by law, and none has been destroyed. To gain room for further filings, however, it will soon be necessary to destroy a portion of the accumulated contracts.

The public will therefore take notice that contracts filed from April 20, 1906, to December 31, 1907, will be destroyed unless called for within sixty days from this date. I earnestly urge all parties entitled to the same to call (with the recording receipt) for these papers.

Since the scheme for the new city hall contemplates a new Recorder's office as a part thereof, I will not discuss at this time the improvements which should be made in the Hall of Records. Under the circumstances, I shall ask for nothing which it is possible to do without.

I will, however, take this occasion to thank your Honor and the Board of Supervisors for the consideration and assistance which has been extended to me and my department during the past fiscal year.

Respectfully,

EDMOND GODCHAUX,
Recorder.

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MONTHLY RECEIPTS PAID INTO THE TREASURY.

1911—July		$ 7,746.20
	August	7,606.45
	September	6,827.15
	October	8,014.40
	November	8,115.75
	December	7,777.20
1912—January		8,339.70
	February	7,755.80
	March	8,748.65
	April	8,549.10
	May	8,027.60
	June	8,026.25
	Total	$95,534.25

MONTHLY STATEMENT OF SALARIES AS CHARGED AGAINST THE RECORDER'S APPROPRIATION.

1911—July		$ 7,073.88
	August	7,058.38
	September	6,296.13
	October	5,485.23
	November	6,295.28
	December	6,130.99
1912—January		6,336.72
	February	6,042.63
	March	6,431.03
	April	6,320.39
	May	6,011.39
	June	6,040.48
	Total	$75,522.43

RECAPITULATION.

Total Receipts for Fiscal Year 1911-1912	$95,534.25
Total Salaries for same period	75,522.43
Surplus to credit of department	$20,011.82

In addition to receipts for Recorder's fees, as above, there was also collected for desk rentals, and paid to the City Treasurer, a total of $657.50.

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NUMBER OF INSTRUMENTS FILED AND RECORDED DURING FISCAL YEAR 1911-1912.

Instruments.	Totals.
Acceptances and Abandonments of Buildings	2,109
Agreements and Covenants	1,497
Architect's Certificates	3
Assignments of Mortgages	359
Attachments, Releases and Executions	753
Bills of Sale	448
Bonds	129
Builder's Contracts and Bonds	1,713
Certificates of Redemption—State	95
Certificates of Residence	1
Certificates of Sale, Assignments and Redemptions	121
Decrees	288
Decrees Establishing Title	3,410
Deeds	14,790
Deeds of Trust	1,958
Election Expenses (statements of)	103
Homesteads, Declarations and Abandonments	301
Judgments, Abstracts and Transcripts, Satisfactions and Assignments	323
Leases, Assignments and Surrenders	958
Liens and Releases of Liens	2,336
Lis Pendens	454
Lis Pendens to Establish Title	1,838
Maps	16
Marriage Certificates and Licenses	5,491
Marriage Contracts	55
Miscellaneous	608
Mortgages of Personal Property	1,340
Mortgages of Real Property	7,469
Notice of Ownership	20
Notices of Sale	600
Partnerships, Limited	33
Powers of Attorney, Revocations and Substitutions	279
Probates, Decrees of Distribution, etc.	843
Reconveyances	1,315
Releases of Personal Property Mortgages	195
Releases of Real Estate Mortgages	4,293
Separate Property of Wife	2
Sole Trader	5
Total	56,551

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COMPARATIVE STATEMENT FROM 1859 TO 1912, INCLUSIVE

Year.	Papers.	Total Receipts.	Total Expenses.	Surplus.	Deficit.
1859-60	5,596	$18,300.00	$13,847.00	$ 4,453.00	.....
1860-61	.....	.....	.....	.....	.....
1861-62	11,970	34,605.00	26,792.50	7,902.60	.....
1862-63	12,631	33,683.75	24,984.65	8,649.10	.....
1863-64	13,391	34,534.25	33,358.25	1,176.00	.....
1864-65	13,989	37,702.00	29,175.91	8,526.09	.....
1865-66	14,114	37,348.50	28,092.24	9,256.26	.....
1866-67	14,262	43,237.25	30,427.59	12,809.66	.....
1867-68	16,496	51,501.50	37,184.14	4,317.36	.....
1868-69	18,761	55,549.25	42,399.52	12,149.73	.....
1869-70	14,146	44,890.70	36,156.26	8,734.44	.....
1870-71	15,024	44,975.50	35,873.20	11,102.30	.....
1871-72	12,897	41,176.75	35,372.92	5,702.88	.....
1872-73	11,207	34,051.25	34,494.16	.....	$ 442.91
1873-74	13,138	32,654.00	30,267.64	2,386.36	.....
1874-75	17,486	44,407.50	38,616.11	5,791.39	.....
1875-76	18,218	46,626.60	38,376.23	6,249.37	.....
1876-77	21,396	51,386.75	40,930.41	10,456.34	.....
1877-78	17,632	42,835.25	36,557.80	6,177.45	.....
1878-79	18,871	38,175.00	34,893.62	3,281.38	.....
1879-80	17,778	34,783.75	33,327.82	1,455.93	.....
1880-81	14,102	31,420.50	29,817.40	1,603.10	.....
1881-82	12,835	31,284.85	32,093.14	.....	808.29
1882-83	14,266	34,237.00	30,261.34	3,875.66	.....
1883-84	15,340	38,142.25	31,894.21	6,248.04	.....
1884-85	15,500	38,702.50	32,295.00	6,407.50	.....
1885-86	15,092	37,361.00	31,182.27	5,178.73	.....
1886-87	17,065	43,764.00	33,754.78	10,009.22	.....
1887-88	20,005	53,238.45	36,144.02	17,096.43	.....
1888-89	22,370	52,858.56	43,476.36	10,382.20	.....
1889-90	24,907	64,534.80	42,497.14	22,037.66	.....
1890-91	26,111	68,284.53	45,136.44	23,148.09	.....
1891-92	25,306	66,520.20	38,687.75	27,832.45	.....
1892-93	25,262	60,234.00	43,190.51	17,043.49	.....
1893-94	23,102	55,389.25	40,490.84	14,898.41	.....
1894-95	23,434	58,868.75	41,109.80	17,658.95	.....
1895-96	23,637	61,949.50	42,924.46	10,023.04	.....
1896-97	22,270	34,559.45	41,217.92	.....	6,658.47
1897-98	23,713	34,398.85	42,699.02	.....	8,300.17
1898-99	22,272	31,803.10	41,679.19	.....	9,876.09
1899-1900	24,622	37,451.05	39,725.22	.....	2,274.17
1900-01	25,776	39,584.45	33,852.00	5,732.45	.....
1901-02	29,242	45,539.60	39,040.56	6,499.04	.....
1902-03	35,112	54,077.70	43,000.00	11,077.70	.....
1903-04	37,337	57,587.45	43,900.00	13,687.45	.....
1904-05	41,360	63,330.85	43,900.00	19,430.85	.....
1905-06	40,434	62,143.30	40,935.68	21,207.62	.....
1906-07	54,070	83,978.90	56,113.20	27,207.62	.....
1907-08	55,729	85,884.55	61,262.49	24,622.06	.....
1908-09	64,513	105,619.90	70,400.00	35,219.90	.....
1909-1910	57,673	97,813.40	71,472.55	26,340.85	.....
1910-11	65,291	107,218.15	73,400	33,818.15	.....
1911-12	56,551	95,534.25	75,522.43	20,011.82	.....

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Sheriff's Report

To the Honorable James Rolph, Jr.,
Mayor of San Francisco,
San Francisco, California.

Dear Sir:—

As Sheriff of the City and County of San Francisco, I am presenting to you a report of the conduct and workings of that office for the fiscal year beginning July 1, 1911 and ending June 30, 1912.

There are presented herewith certain exhibits, giving in tabular form statistics concerning various phases of the working of the Sheriff's office, as follows: Office Report, Report of Jails and Commissary Report, marked respectively Exhibits "A" and "B."

In my management of the office I have had two things particularly in mind, namely, to see that the various employees of the office faithfully and efficiently performed their duties, and, second, to care for the prisoners confined at the jails in such a way that as far as possible the county jails might be places of reform rather than places of mere punishment.

In connection with the first of these matters I have made it a point to give my close personal attention to the entire work of the office. I instituted a system by which accurate record could be kept of the times when the various employees reported on and off duty and of the number of hours that each worked and of the places where each worked.

In connection with the second matter I have given diligent attention to the healthfulness of the conditions under which the prisoners live, to the furnishing of employment for prisoners during the day, and to the furnishing of such amusement for the prisoners as was possible.

The County Jails at Ingleside have been kept in the most cleanly condition, and I think I can say that vast improvement in this regard has been made during the year.

Prisoners who work are given three meals a day; the others, two.

Care has been taken to have the quantity of food ample, to have it of good quality, and to have it properly prepared and served.

During the year a great deal of road work has been done by the prisoners. Not only has this been a means of giving them outdoor exercise, but it has improved the condition of the streets in the neighborhood of the County Jail.

We have at the County Jail two stables in which twenty-four horses are kept. The care of the stables, horses, wagons and other vehicles has given work to some of the prisoners.

Work is also furnished for prisoners in the yard, laundries, sulphur house, blacksmith shop, engine room and the lawns in front of Jails Numbers 1 and 2.

At the outset of my term I set about establishing a vegetable garden upon the jail grounds, and during the last several months have used a space of about four acres for that purpose. It has furnished work for about forty prisoners each day. It has supplied the jails with a large quantity of vegetables and enabled an improvement in the prison diet. It has also led to a saving of about $100.00 per month. I believe it advisable to enlarge this vegetable garden.

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I believe that it would be advisable to institute a dairy at the County Jails.

I believe that when the new jail No. 1, at Washington and Kearny streets, is ready for occupancy and in use arrangements can be made for baking, at the jail, the bread supply needed for all the jails. The bread supply now costs the City and County about $5,000.00 a year, and if my plan is a feasible one it is evident that it will lead to a large saving. I have in mind the fact that in instituting any changes of this sort we must carefully consider the extent to which we will be interfering with or running opposition to outside free labor.

I instituted at the jails, shortly after the commencement of my term, a circulating library for the use of the prisoners. The library contains about six hundred volumes, which have been obtained by private donation. The library has been freely used by the prisoners, and is much appreciated by them. On last Christmas eve an entertainment was given at the jails. About thirty numbers were rendered by volunteer talent. On the afternoon of Christmas day Madame Di Pasquali entertained the inmates for about two hours.

Formerly insane patients who were going from San Francisco to various State Hospitals, while on the ferry boats crossing the bay, were exposed to the view of the passengers. Shortly after the commencement of my term I communicated with the Southern Pacific Railroad and the Northwestern Railroad Company with a view to changing this condition. As a result there has been constructed on the ferry boats a collapsible partition which is used for providing an enclosed space in which the patients are kept. The Northwestern Railroad Company has promised to construct a separate compartment in one of its coaches for the transportation of patients. The Board of Harbor Commissioners, at my request, has constructed a waiting room in the inner portion of the Ferry Building in which patients can be kept while awaiting the departure of boats.

An Act passed by the State Legislature in 1911, concerning the paroling of misdemeanor prisoners sent to the County Jail, constitutes the Sheriff and the District Attorney of San Francisco a board of parole. I consulted with the District Attorney in regard to arranging regular meetings of this board, and my suggestion met with prompt approval. The board now meets regularly on Saturday mornings in the office at the County Jail at Ingleside.

Very respectfully yours,

FREDERICK EGGERS,

Sheriff, City and County of San Francisco.

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EXHIBIT "A"

FINANCIAL STATEMENT FOR FISCAL YEAR—JULY 1, 1911, TO JUNE 30, 1912.

Amounts paid into the City and County Treasury:

July, 1911	$ 1,521.40
August, 1911	2,274.79
September, 1911	1,906.33
October, 1911	1,629.97
November, 1911	1,727.58
December, 1911	1,792.94
January 8, 1912, 12 M	1,144.85
Total	$11,997.86

January, 1912	$ 1,637.14
February, 1912	1,678.13
March, 1912	1,834.35
April, 1912	1,604.11
May, 1912	2,048.96
June, 1912	2,115.98
Total	$10,918.67

Total paid in for fiscal year, 1911	$11,997.86
Total paid in for fiscal year, 1912	10,918.67
	$22,916.53

Amount paid to Treasury for maintenance of U. S. prisoners.

June 24, 1912	$61.20

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SUPERIOR COURT WRITS—July 1, 1911, to January 8, 1912, at 12 M.

Month.	Attachments.	Executions.	Summons.	Miscellaneous.	Totals.
1911.					
July	163	76	68	11	318
August	149	54	75	19	297
September	163	59	66	29	317
October	233	68	80	24	405
November	199	76	70	17	362
December	235	80	70	27	412
1912.					
January	52	13	10	6	81
Totals	1,194	426	439	133	2,192

SUPERIOR COURT WRITS—January 8, 1912, to June 30, 1912.

Month.	Attachments.	Executions.	Summons.	Miscellaneous.	Totals.
1912.					
January	135	80	54	29	298
February	196	76	72	24	368
March	213	87	79	18	397
April	248	65	87	32	432
May	170	90	72	19	351
June	171	71	62	34	338
Totals	1,133	469	426	156	2,184

JUSTICE COURT WRITS—July 1, 1911, to January 8, 1912, at 12 M.

Month.	Attachments.	Executions.	Summons.	Miscellaneous.	Totals.
1911.					
July	185	111	8	19	323
August	213	126	9	29	377
September	231	150	9	32	422
October	236	163	6	18	423
November	233	101	8	22	364
December	235	117	7	36	395
1912.					
January	43	11	..	2	56
Totals	1,376	779	47	158	2,360

JUSTICE COURT WRITS—January 8, 1912, at 12 M., to June 30, 1912.

Month.	Attachments.	Executions.	Summons.	Miscellaneous.	Totals.
1912.					
January	213	144	6	40	403
February	254	142	11	27	434
March	244	144	9	35	432
April	250	135	7	32	424
May	273	120	19	34	446
June	247	136	9	34	426
Totals	1,481	821	61	202	2,565

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TOTAL NUMBER OF WRITS RECEIVED BY MONTHS FROM JULY 1, 1911, TO JANUARY 8, 1912, at 12 M.

Month.	Attachments.	Executions.	Summons.	Miscellaneous.	Totals.
1911.					
July	348	187	76	30	641
August	362	180	84	48	674
September	394	209	75	61	739
October	469	231	86	42	828
November	432	177	78	39	726
December	470	197	77	63	807
1912.					
January	95	24	10	8	137
Totals	2,570	1,205	486	291	4,552

TOTAL NUMBER OF WRITS RECEIVED BY MONTHS FROM JANUARY 8, 1912, TO JUNE 30, 1912.

Month.	Attachments.	Executions.	Summons.	Miscellaneous.	Totals.
1912.					
January	348	224	60	69	701
February	450	218	83	51	802
March	457	231	88	53	829
April	498	200	94	64	856
May	443	210	91	53	797
June	418	207	71	68	764
Totals	2,614	1,290	487	358	4,749

SALES—PERSONAL PROPERTY.

	July 1, 1911, to Jan. 8, 1912, 12 M	Jan. 8, 1912, 12 M to June 30, 1912.	Total
Superior Court	27	21	48
Justice Court	56	60	116
Total	83	81	164

SALES—REAL ESTATE.

	July 1, 1911, to Jan. 8, 1912, 12 M	Jan. 8, 1912, 12 M to June 30, 1912.	Total
Superior Court	7	7	14
Justice Court	14	16	30
Total	21	23	44

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EXHIBIT "B"

FINANCIAL STATEMENT OF THE SHERIFF OF SAN FRANCISCO COUNTY FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

Subsistence.

July, 1911	$ 3,066.22
August, 1911	3,652.17
September, 1911	3,036.48
October, 1911	3,410.83
November, 1911	3,693.42
December, 1911	4,367.92
January 1 to 8, 1912	602.02
Total	$21,829.06

Sheriff's Expense.

July, 1911	$ 190.75
August, 1911	245.90
September, 1911	621.80
October, 1911	182.75
November	148.85
December, 1911	480.60
January 1 to 8, 1912	28.00
Total	$ 1,898.65

Allowance from July 1, 1911, to January 8, 1912.

Subsistence	$23,346.77
Sheriff's expense	1,297.05
Subsistence allowance	$23,346.77
Subsistence expenditures	21,829.06
Balance from subsistence	$ 1,517.71
Sheriff's expenses—Expenditures	$ 1,898.65
Sheriff's expenses—Allowance	1,297.05
Sheriff's expenses over-drawn	$ 601.60
Balance from subsistence	$ 1,517.71
Balance over-drawn Sheriff's expense	601.60
Total balance on hand, January 8, 1912	$ 916.11

(NOTE)—The above statement is shown as on books at the County Jail.

Subsistence.

January 8 to 31, 1912	$ 3,221.19
February, 1912	3,685.23
March, 1912	4,090.12
April, 1912	3,601.80
May, 1912	4,942.84
June, 1912	3,293.57
Total	$22,834.75

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Sheriff's Expense.

January 8 to 31, 1912	$ 51.00
February, 1912	133.90
March, 1912	350.90
April, 1912	88.50
May, 1912	102.75
June, 1912	116.15
Total	$ 843.20

Allowance from January 8, 1912, to June 30, 1912.

Subsistence	$21,653.23
Sheriff's expense	1,202.95
Subsistence expenditures	$22,834.75
Subsistence allowance	21,653.23
Balance overdrawn—Subsistence	$ 1,181.52
Sheriff's expense—Allowance	$ 1,202.95
Sheriff's expense—Expenditures	843.20
Balance from Sheriff's expense	$ 359.75
Balance overdrawn from subsistence	$ 1,181.52
Balance from Sheriff's expense	359.75
Overdrawn from January 8 to June 30, 1912	$ 821.77
Balance on hand January 8, 1912	$ 916.11
Overdrawn from January 8, 1912, to June 30, 1912	821.77
Total balance on hand June 30, 1912	$ 94.34

Total Expenditures from July 1, 1911, to June 30, 1912.

Subsistence	$21,829.06
Subsistence	22,834.75
Sheriff's expense	1,898.65
Sheriff's expense	843.20
Total expended	$47,405.66
Total allowance, fiscal year	$47,500.00
Total expended, fiscal year	47,405.66
Total balance, June 30, 1912	$ 94.34

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REPORT OF THE SHERIFF OF SAN FRANCISCO COUNTY FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

Movement of Jail Population.	Men.	Women.	Total.
Number in jail, July 1, 1911	251	26	277
Number received during the year, July 1, 1911, to June 30, 1912	2,159	207	2,366
Total prisoners for the year	2,410	233	2,643
Sent to State Prisons	150	3	153
Sent to Reform School	13	....	13
Served sentence in jail	1,442	180	1,622
Released on habeas corpus	5	....	5
Released on probation	160	5	165
Acquitted on trial	51	3	54
Escaped	5	....	5
Died	3	....	3
Insane sent to hospital	27	1	28
Otherwise removed from jail	294	17	311
Total passed out	2,150	209	2,539
Number in jail June 30, 1912	260	24	284

NOTE—Two of the prisoners who escaped were felony prisoners under Sheriff Thomas F. Finn.

NOTE—One of the prisoners who escaped during our incumbency was recaptured and is now in State Prison.

Number of inmates at midnight, June 30, 1912.	Men.	Women.
Awaiting trial	55	2
Serving jail sentences	192	22
Sentenced to State Prisons	12	....
Sentenced to Reform Schools	1	....
Total	260	24

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Board of Censorship

San Francisco, Cal., February 8, 1913.

To the Honorable James Rolph, Jr.,
Mayor of the City and County.

Dear Sir:—Pursuant to Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Board of Censorship herewith presents its report for the fiscal year of 1911-1912.

Very truly yours,

E. M. HECHT,
Assistant Secretary.

A review of the minutes of the preceding Board of Censorship, and as far as this Board is able to determine, indicate that the operations of the past year were very limited. Perhaps this was due to the ineffective ordinance or otherwise, but records show very few investigations and less jurisdiction. The majority of the meetings failed to record a quorum, the result of considerable discord among the members of the Board.

It is to be regretted that the old Board is unable to present a more satisfactory report of proceedings, but such an explanation is unavailable.

The present Board has taken over the work and is proceeding as efficiently as possible, under the very limited authority granted by the present unsatisfactory ordinance, and in consideration of the fact that this is the only Civic Board which is utterly unprovided with funds to pursue its work by the municipality you will realize that this is a very great handicap to this Board, same must exist under the ordinance but at the same time no provision what-so-ever is made for it by the authorities.

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Report of Chief of Police

REPORT OF D. A. WHITE, CHIEF OF POLICE OF THE CITY AND COUNTY OF SAN FRANCISCO, FOR THE FISCAL YEAR ENDING JUNE 30TH, 1912.

To the Honorable James Rolph, Jr., Mayor of the City and County of San Francisco, State of California.

Sir:—In compliance with Section 9, Article XVI of the Charter, I submit herewith the Annual Report of the Police Department for the fiscal year ending June 30th, 1912.

Very respectfully,

D. A. WHITE, Chief of Police.

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STRENGTH OF THE POLICE DEPARTMENT AND SUMMARY OF ACTION TAKEN BY THE BOARD OF POLICE COMMISSIONERS IN THE TRIAL OF COMPLAINTS AGAINST MEMBERS THEREOF DURING THE FISCAL YEAR ENDING JUNE 30TH, 1912.

BOARD OF POLICE COMMISSIONERS JUNE 30TH, 1912.

Jesse B. Cook.....Commissioner and President of the Board
I. H. Spiro.....Commissioner
Alexander L. O'Grady.....Commissioner
James Woods .....Commissioner

CHARLES F. SKELLY, Secretary.

NUMERICAL STRENGTH OF THE POLICE DEPARTMENT JUNE 30TH, 1912.

Police Commissioners	4
Secretary, Police Commissioners	1
Secretary, Pension Fund Commission	1
Police Surgeon	1
Police Stenographer	1
Telephone Operators	4
Matrons, City Prison	4
Cook, City Prison	1
Hostlers	9
Engineers	3
Patrol Wagon Drivers	26
Chief of Police	1
Captain of Detectives	1
Captains of Police	9
Chief Clerk	1
Property Clerk	1
Detective Sergeants	25
Lieutenants of Police	18
Sergeants of Police	53
Corporals of Police	58
Police Officers	722
Total	944

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APPOINTMENTS AND REMOVALS DURING THE YEAR ENDING JUNE 30TH, 1912.

Police Officers, died	9
Police Officers, resigned	2
Police Officers, dismissed	9
Police Officers, retired	16
Police Officers, appointed	49
Police Officers, reinstated	2
Hostlers, dismissed	11
Hostlers, appointed	12
Hostlers, resigned	1
Matrons, died	1
Matrons, appointed	1
Patrol Drivers, resigned	1
Patrol Drivers, appointed	1
Police Surgeon, dismissed	1
Police Surgeon, appointed	1
Telephone Operators, dismissed	3
Telephone Operators, appointed	3

ACTION TAKEN BY THE BOARD IN TRIAL OF MEMBERS OF THE POLICE FORCE ON CHARGES DURING YEAR ENDING JUNE 30TH, 1912.

Number of complaints filed	28
Number of complaints sustained by dismissal from department	9
Number of complaints sustained by fines	4
Number of complaints sustained by reprimand	2
Number of complaints dismissed	13
Aggregate amount of fines	$250.00

RETAIL LIQUOR DEALERS.

Total number licensed places June 30, 1911		2,087	
Total number applications received during the fiscal year ending June 30, 1912	8,475		
Total number new permits granted (Steamers)		7	
			2,094
Applications withdrawn	109		
Applications refused	1		
Permits revoked		6	
Retired from business		0	6
Total number licensed places June 30, 1912			2,088
Net gain, 1.			
Straight saloons		1,635	
Restaurants		124	
Halls		4	
Dance Halls		30	
Concert Halls		2	
Ferry Boats		13	
Sealed Packages		8	
Hotels		10	
Hotel and Bar		99	
Boarding House and Bar		39	
Saloon and Restaurant		115	
Billiard Halls		6	
Bowling Alleys		3	
			2,088

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VIOLATION OF LIQUOR LICENSE LAW.

Cases pending June 30th, 1911		4	
Number convicted	2		
Number dismissed	2		
Amount of fines paid after conviction			$ 200
Arrests made during the fiscal year ending June 30, 1912		289	
Number of cases dismissed	196		
Number of convictions	81		
Number of cases pending	12		
Amount of fines paid after conviction			$7,560
Total			$7,760

ARRESTS FOR PEDDLING WITHOUT LICENSE.

Arrests during the fiscal year ending June 30, 1912		47	
Number of cases dismissed	40		
Convicted and fined	7		
Amount of fines and forfeitures in Police Courts			$65

AUCTIONEERS.

Total number of licensed places June 30, 1911		46	
Total number of new permits granted during the fiscal year ending June 30, 1912		15	
Applications withdrawn	4		
		—	61
Retired from business			13
Total number licensed places June 30th, 1912			48
Net gain, 2.			

INTELLIGENCE OFFICE KEEPERS.

Total number licensed places June 30, 1911		61	
Total number new permits granted during the fiscal year ending June 30, 1912		18	
		—	79
Applications refused	1		
Applications withdrawn	8		
Retired from business			20
Total number licensed places June 30, 1912			59
Net loss			4

PAWN BROKERS.

Total number licensed places June 30, 1911	54		
Total number new permits granted during the fiscal year ending June 30, 1912	13		
			67
Applications refused	1		
Applications withdrawn	2		
Retired from business			5
Total number licensed places June 30, 1912			62
Net gain	8		

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SECOND HAND AND JUNK DEALERS.

Total number licensed places June 30, 1911		155	
Total number new permits granted during the fiscal year ending June 30, 1912		36	
			191
Applications withdrawn	6		
Applications refused	12		
Applications pending	5		
Retired from business			32
Total number of licensed places June 30th, 1912			159
Net gain, 4.			

KINETOSCOPES.

Total number licensed places June 30, 1911		60	
Total number new permits granted during the fiscal year ending June 30, 1912		18	
			78
Applications withdrawn	3		
Retired from business			17
Total number licensed places June 30, 1912			61
Net gain, 1.			
Total number Moving Picture Exhibitions in Theatres June 30, 1911		28	
Total number Moving Picture Exhibitions in Theatres June 30, 1912		27	
Net loss		1	

PANORAMAS.

Total number licensed places June 30, 1911		2	
Total number new permits granted during the fiscal year ending June 30, 1912		1	
			3
Retired from business			0
Total number licensed places June 30, 1912			3
Net gain, 1.			

MUSEUMS.

Total number licensed places June 30, 1911		2	
Total number new permits granted during the fiscal year ending June 30, 1912		3	
			5
Permits refused	1		
Retired from business			3
Total number licensed places June 30, 1912			2

SKATING RINKS.

Total number licensed places June 30, 1911		1	
Total number new permits granted during the fiscal year ending June 30, 1912		2	
			3
Retired from business			1
Total number licensed places June 30, 1912			2
Net gain, 1.			

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DETECTIVE AGENCIES.

Total number licensed places June 30, 1911		10	
Total number new permits granted during the fiscal year ending June 30, 1912		4	
		—	14
Permits refused	1		
Permits withdrawn	1		
Retired from business			3
Total number licensed places June 30, 1912			11

Net gain, 4.

SHOOTING GALLERY KEEPERS.

Total number licensed places June 30, 1911		14	
Total number new permits granted during the fiscal year ending June 30, 1912		6	
		—	20
Applications withdrawn	2		
Applications refused	1		
Retired from business			2
Total licensed places June 30, 1912			18

Net gain, 4.

CARRY CONCEALED WEAPONS.

Total number applications received during the fiscal year ending June 30, 1912		104	
Total number applications refused		23	
Total number applications granted			81

LICENSED GUIDES.

Total number licensed Guides June 30, 1911		33	
Total number new permits granted during the fiscal year ending June 30, 1912		22	
		—	55
Permits withdrawn	9		
Permits pending	1		
Retired from business			30
Total licensed Guides June 30, 1912			25

Net loss, 8.

ONE DAY LIQUOR DEALERS.

Total number applications received during the fiscal year ending June 30, 1912		358	
Total number applications withdrawn	6		
Total number of applications refused	1	7	
Total number applications granted during the fiscal year ending June 30, 1912			351

ITINERANT VENDERS.

Total number applications received during the fiscal year ending June 30, 1912		7	
Total number applications withdrawn		5	
Total number applications granted			2

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PEDDLERS.

Total number applications received during the fiscal year ending June 30, 1912		2,494	
Total number applications withdrawn	26		
Total number applications refused	3	29	
Total permits granted		2,465	
Average number permits granted per quarter..			616

JUNK GATHERERS.

Total number licensed Junk Gatherers June 30, 1911		111	
Total number new permits granted during the fiscal year ending June 30, 1912		30	
		—	141
Applications withdrawn	6		
Applications pending	1		
Retired from business			25
Total No. licensed Junk Gatherers June 30, 1912..			116
Net gain, 5.			

SOLICITORS.

Total number licensed Solicitors June 30, 1911		39	
Total number new permits granted during the fiscal year ending June 30, 1912		43	
		—	82
Applications withdrawn	10		
Retired from business			39
Total number licensed Solicitors June 30, 1912....			43
Net gain, 4.			

MOTORMEN.

Total number licensed motormen June 30, 1911	492		
Total number applications received during the fiscal year ending June 30, 1912, (including renewals)			643
Applications withdrawn	1		
Applications refused	2		
Applications pending	1		
Total number licensed Motormen June 30, 1912		520	
Net gain			28

DRIVERS.

Total number licensed Drivers June 30, 1911			179
Applications received during the fiscal year ending June 30, 1912 (including renewals)		162	
Permits revoked	2		
Total number licensed Drivers June 30, 1912			137
Net loss			42

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SPECIAL POLICE OFFICERS.

Total number Special Officers June 30, 1911		501	
Total number new applications granted during the fiscal year endging June 30, 1912		202	
			703
Applications refused	10		
Appointments revoked			141
Total No. Special Police Officers June 30, 1912			562

BILLIARD PARLORS.

Total number permits granted during the fiscal year ending June 30, 1912		85
Total number applications pending	1	

EXHIBIT "B"

RANK OF THE DEPARTMENT AND THE ANNUAL SALARY ATTACHED TO EACH.

Commissioners	$1,200.00
Secretary to Commissioners	1,500.00
Stenographer to Commissioners	1,800.00
Police Surgeon	1,500.00
Chief of Police	4,000.00
Captain of Detectives	3,000.00
Captains of Police	2,400.00
Chief Clerk	2,400.00
Property Clerk	2,400.00
Lieutenants of Police	1,920.00
Detective Sergeants	1,800.00
Patrol Sergeants	1,680.00
Corporals	1,560.00
Patrolmen	1,464.00
Engineers on Police Boat "Patrol"	1,500.00
Patrol Wagon Drivers	1,200.00
Chief Hostler	1,500.00
Hostler	1,080.00
Prison Cook	1,200.00
Prison Matrons	1,020.00
Telephone Operators	780.00

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EXHIBIT "C"

POLICE STATIONS AND THEIR LOCATIONS.

Name of Station.	Location.
Central Station	Hall of Justice
Bush Street Station	N. Side Bush, bet. Polk and Van Ness
O'Farrell Street Station	2117 O'Farrell Street
Southern Station	Fourth and Clara Streets
Park Station	Golden Gate Park
Potrero Station	S. W. 20th and Kentucky Streets
Bay View Station	1676 Newcomb Avenue
Mission Station	Seventeenth and Division Streets
Ingleside Station	Ocean and San Jose Avenues
Harbor Station	Drumm and Commercial Streets
North End Station	3118 Fillmore Street
Richmond Station	453 Sixth Avenue

EXHIBIT "D"

Comparative statement of the number of arrests and strength of the police force for the thirty-four years ending June 30, 1912:

Years.	Number of Officers.	Number of Arrests.
1878-1879	329	22,120
1879-1880	340	21,063
1880-1881	400	23.011
1881-1882	400	25,969
1882-1883	400	24,149
1883-1884	400	25,591
1884-1885	400	24,432
1885-1886	406	26,587
1886-1887	406	23,805
1887-1888	406	29,466
1888-1889	406	23,462
1889-1890	406	23,549
1890-1891	406	24,528
1891-1892	456	28,417
1892-1893	456	25,987
1893-1894	456	25,824
1894-1895	482	25,960
1895-1896	557	30,462
1896-1897	559	29,168
1897-1898	559	28,013
1898-1899	559	27,769
1899-1900	588	26,483
1900-1901	588	27,362
1901-1902	607	28,482
1902-1903	643	29,336
1903-1904	671	36,208
1904-1905	707	33,893

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EXHIBIT "D"—Continued

Records of 1905-1906 were destroyed by fire, except from April 18, to July 1, 1906	708	878
1906-1907	759	27,013
1907-1908	802	38,738
1908-1909	817	34,336
1909-1910	846	29,855
1910-1911	935	32,914
1911-1912	944	35,594

EXHIBIT "E"

Estimated value of property lost or stolen and of property recovered during the fiscal year ending June 30th, 1912.

	Lost or Stolen.	Recovered.
1911—July	$ 23,702	$ 1,201
August	15,607	1,568
September	21,014	17,096
October	30,263	1,107
November	20,763	3,558
December	27,997	3,227
1912—January	26,674	1,624
February	21,000	3,125
March	20,365	3,182
April	22,165	3,000
May	26,545	3,364
June	13,555	4,364
	$272,650	$46,446

EXHIBIT "F"

PATROL WAGON SERVICE.

Number of Runs	19,725
Number of Miles Traveled	50,478
Prisoners brought to Station	18,575
Fires Attended	595
False Alarms	369
Sick and Injured to Hospital	2,920
Insane Persons Cared for	246
Lost Children Restored to Parents	234

EXHIBIT "G"

SUBPOENAS SERVED.

Superior Court	848
Police Court	4,426
Coroner's	1,867
Grand Jury	19

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EXHIBIT "H"

TABULATED STATEMENT OF OFFENSES CHARGED AND ARRESTS MADE BY THE POLICE DEPARTMENT OF SAN FRANCISCO FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

Abandonment and Neglect of Wife	56
Abduction	3
Adultery	11
Administering Drugs, etc., with intent to Produce Miscarriage	5
Administering Stupefying Drugs	1
Arson	6
Assault	8
Assault to Commit Bodily Injury	32
Assaults with Caustic Chemicals	1
Assault with Deadly Weapon	240
Assault to Murder	115
Assault to Rape	9
Assault to Rob	27
Attempt to Murder	2
Attempt to Pass a Raised Bill	1
Attempt to obtain Money or Goods by False Pretenses	1
Automobile, State Law Violating	29
Attempting to vote when not qualified	1
Adulteration, Prohibiting the Mislabeling, or Misbranding of Manufactured Productions	6
Assisting Prisoners to Escape	2
Battery	952
Begging	477
Bench Warrant	141
Blasting Careless	1
Bottle, Owners Act Violated	9
Boulevard Ordinance Violating	2
Bribery	2
Burglary	420
Burglary Attempted	45
Burglars' Tools Having Possession	9
Building Ordinance Violated	78
Bucket Shop Keeper	8
Bucket Shop Visitor	26
Child Labor Law Violating	13
Concealed Weapon, Black Jack	5
Concealed Weapon, Brass Knuckles	11
Concealed Weapon, Knife	13
Concealed Weapon, Pistol	256
Concealed Weapon, Slung Shot	1
Conspiracy	4
Contempt of Court	9
Counterfeit Money Passing	2
Counterfeiting Railroad or Steamship Tickets	1
Crime Against Children	21
Crime Against Nature	5
Cruelty to Animals	392
Cruelty to Children	38
Cubic Air Law	5
Drugs Depositing on Door-step prohibited	2

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EXHIBIT "H"—Continued

Defrauding Stable Keeper	1
Defrauding Inn Keeper	90
Dentistry Practicing, No License	5
Deserter from United States Army	18
Deserter from United States Navy	25
Disorderly House Keeping	4
Disturbing the Peace	2,258
Dog (Keeping Vicious)	1
Dogs running at large without a muzzle	1
Driving off Horse and Buggy without Consent of Owner	5
Drug Order, Violating, Selling Morphine, Cocaine, Opium, etc., without a Physician's Prescription	534
Drunk	11,085
Drunk Common	1,207
Dynamite, Vigorite, Nitro-Glycerin, etc., in possession	1
Eight o'clock Ordinance, Minors Violating	4
Election Law Violating	2
Embezzlement, Felony	81
Embezzlement, Misdemeanor	92
Employment office Ordinance Violating	1
En route	674
En Route to Almshouse	113
Evading payment of Fare on Railroad	4
Exhibiting Deadly Weapon in a Rude and Threatening Manner	28
Extortion	2
Extortion Attempted	3
Failure to Provide for Minor Child	212
False Imprisonment	4
False Personation	9
False Pretenses, Obtaining Money or Goods by	122
Fast or Reckless Driving	18
Fictitious Check Passing and Making	149
Fictitious Instrument, Making and Passing	13
Fire Arms, Discharging in City Limits	42
Fire Arms, Selling to Minors	8
Fire and Police Telegraph System Interference or Injury to	1
Fire Ordinance, Violating	28
Fire Works, Discharging	2
Fish Law, Violating	74
Forcible Entry and Detiner	2
Forgery	65
Fraudulent Conveyance	87
Fraudulently Concealed Property	1
Gambling, Craps	48
Gambling, Dice	24
Gambling, Faro	1
Gambling, House Keeping	104
Gambling, House Visiting	1,276
Gambling Implements in Barricaded Premises Prohibiting Exposure of and Visiting	875
Gambling. Lottery-Tickets in Possession and Drawing	406
Gambling, Lottery, Aiding and Managing	7
Gambling, Lottery House Keeping	63
Gambling, Lottery House Visiting	124
Gambling, Lottery Ticket Selling	22
Gambling Nickel-in-Slot	4

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EXHIBIT "H"—Continued

Gambling, Poker	180
Gambling, Pool Selling in Prescribed Limits	37
Game Law Violating	15
Gas Ordinance Violating	2
Hackney, Carriage, Automobile, Taxicab and other Vehicles, Boats in waters of Bay regulating the use of, fixing rates to be charged for Transportation of persons and baggage	1
Health Ordinance Violating	173
Held as Witness	33
Inebriates and Drug Habits	1
Ill Fame, House of Admitting Minors to	2
Ill Fame, Inmate of House of	41
Ill Fame, Keeping House of	13
Ill Fame, Placing Female in House of	1
Ill Fame, Placing Wife in House of	11
Ill Fame, Soliciting for House of	1
Ill Fame, Visitor to House of	24
Incest	3
Inciting Riot	7
Indecent Exposure	65
Insanity	270
Interfering with an Officer	49
Injury to Railroads and Railroad Bridge	1
Intemperate	26
Kidnapping	5
Language, Vulgar or Profane	1
Larceny, Grand	395
Larceny, Grand Attempted	19
Larceny, Petit	775
Larceny, Petit, Attempted	6
Larceny, Petit, Trick and Device	15
Lewd and Indecent Act, Committing and Soliciting	72
Libel	12
License Law, Liquor	266
License Law, Merchandise	3
License Law, Violating	104
License, Peddling Without	51
Liquor, Selling on Election Day	8
Malicious Mischief	247
Manslaughter	48
Mayhem	9
Medicine, Practicing Without a License	5
Medical Treatment	1,658
Members of National Guard, Insubordination of	2
Milk Ordinance, Violating	212
Minor, Allowing in Pool Room	17
Minor, Employing as Acrobat	7
Minor, Selling Liquor to	8
Murder	25
Music, Playing in Dance Halls after 1 A. M.	3
Motor Vehicles, Duty of Driver of or Person in Charge in Collision with Person or Other Vehicle	2
Motor Vehicles, Duty of Person in Charge Operator or Driver who when Intoxicated	2
Obscene Literature, Having in Possession	1

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EXHIBIT "H"—Continued

Obscene Pictures, Having in Possession	11
Obstructing Officer	2
Operating Motor Vehicles While Intoxicated	11
Bringing Morphine, Cocoaine or Other Narcotic or any Intoxicating Liquor of any kind whatever, etc., into or near Prisons	9
Opium Place, Keeping	12
Opium Place, Visiting	46
Ordered into Custody	411
Park Ordinance, Violating	28
Perjury	13
Personating an Officer	6
Poison, Administering to Animal	1
Pound Ordinance, Violating	8
Public Institution	603
Pure Drug Law of California, Violating	3
Pure Food Law, Violating	19
Rape	35
Rape, Attempt	3
Receiving, Purchasing in Pledge Junk from Person Under the Age of 16 Years	1
Receiving Stolen Goods	35
Refusing to Move On	86
Refusing to Show Books of Corporation	1
Removing Mortgaged Property	3
Resisting an Officer	50
Robbery	122
Robbery, Attempt	23
Runner and Solicitor's Ordinance, Violating	24
Restoring Cancelled Railroad or Steamship Tickets	2
Requiring Surgeons to Report Accidents	1
Seduction	15
Sidewalk Order, Expectorating on	14
Sidewalk Order, Violating	46
Smoking on Street Cars Prohibited	3
Sodomy	10
Sodomy, Attempted	4
Soliciting and Employing one to Commit Public Offense	2
Soliciting Prostitution	117
State Pander Law, Violating	4
State Pimp Law, Violating	24
Stealing Gas	1
Street Car Obstruction	1
Street, Distributing Hand Bills on	1
Street Order, Violating	1,009
Surrendered by Bondsmen	21
Street Car, Expectorating on	3
Selling Goods which bear Counterfeit Trade Marks	1
Taking Females for Purpose of Prostitution	2
Taking Motor Vehicles, Bicycles, Temporarily without Owners' Consent	27
Threats to Kill	64
Transfer, Street Railway, Prohibiting giving of	1
Unlawful Assembly	3
Unlawful Cohabitation	11
Urinating on Public Street	39
Violating Section 26 Act of Legislature	1

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EXHIBIT "H"—Continued

Vagrancy	4,179
Violating Chapter 663 State Statutes of California	14
Violating or Omitting Sections 1 and 3 of California State Statutes, Chapter 258, Article 1537	28
Violating State Itinerant Vendor Act	2
White Slave Law, Violating	1
Weekly Day of Rest, State Law Violating	5
Wage, Non-Payment of	2
Total Arrests	35,594

EXHIBIT "I"

STATEMENT OF THE POLICE CONTINGENT FUND FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

RECEIPTS

July 26, 1911, received from Treasurer	$ 666.65	
Aug. 26, 1911. received from Treasurer	666.65	
Sept. 25, 1911, received from Treasurer	666.65	
Oct. 26, 1911, received from Treasurer	666.65	
Nov. 25, 1911, received from Treasurer	666.65	
Dec. 26, 1911, received from Treasurer	666.65	
Jan. 25, 1912, received from Treasurer	666.65	
Feb. 26, 1912, received from Treasurer	666.65	
Mar. 19, 1912, received from Treasurer	666.65	
April 25, 1912, received from Treasurer	666.65	
May 27, 1912, received from Treasurer	666.65	
June 29, 1912 received from Treasurer	666.75	
July 1, 1912, balance cash on hand	1,026.12	
Total amount coming into the hands of the Property Clerk during the year		$ 9,026.03

DISBURSEMENTS

EXPENSES PAID FROM CONTINGENT FUND DURING THE YEAR.

July, 1911, Expenses per month as per vouchers on file	535.20	
Aug., 1911, Expenses per month as per vouchers on file	732.16	
Sept., 1911, Expenses per month as per vouchers on file	804.32	
Oct., 1911, Expenses per month as per vouchers on file	562.25	
Nov., 1911, Expenses per month as per vouchers on file	803.06	
Dec., 1911, Expenses per month as per vouchers on file	1,138.91	
Jan., 1912, Expenses per month as per vouchers on file	865.06	
Feb., 1912, Expenses per month as per vouchers on file	706.43	
Mar., 1912, Expenses per month as per vouchers on file	960.41	
April, 1912, Expenses per month as per vouchers on file	434.63	
May, 1912, Expenses per month as per vouchers on file	588.29	
June, 1912, Expenses per month as per vouchers on file	1,126.03	
Total		$ 9,256.75

Less the following amounts advanced to police officers for the purpose of investigating criminal cases, bringing back criminals, etc., and later refunded by such officers.

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July 17, 1911,	From Captain J. J. O'Meara for 3 police stars	$ 15.00
July 26, 1911,	From Sergt. Brown, for telegram	.85
Aug. 9, 1911,	From Lieutenant Matheson, for cablegrams	62.06
Aug. 15, 1911,	From Sergt. Brown, for telegrams	4.75
Aug. 17, 1911,	From Det. Sergt. Ed. Gibson, in Max Knotts case	193.35
Sept. 7, 1911,	From Det. Sergt. T. C. Murphy, in H. Nefsky case	125.00
Sept. 11, 1911,	From A. P. Wielder, U. S. Consul, Shanghai, China, for cablegram	15.40
Sept. 21, 1911,	From Mr. Manno, for telegrams	.70
Sept. 26, 1911,	From Det. Sergt. T. C. Murphy, balance due in H. Nefsky case	125.00
Oct. 11, 1911,	From Mr. Cole, Pioneer Auto Co., for telegram	2.25
Oct. 21, 1911,	From Sergt. Brown, for telegrams	22.20
Dec. 7, 1911,	From R. O. Tobin, for telegrams	5.85
Dec. 13, 1911,	From Fireman's Fund Ins. Co., for expressage	.85
Dec. 15, 1911,	From Det. Sergt. J. F. Mackey in Rogers' case	3.00
Dec. 19, 1911,	From Officer G. H. Richards, E. Morrison case	125.00
Dec. 22, 1911,	From Sergt. A. D. Layne, Mah Hing case	3.80
Jan. 16, 1912,	From Mrs. Cowles, for telegrams	.50
Jan. 18, 1912,	From Officer G. M. Geimann, Ed. Fawcett case	150.00
Jan. 28, 1912,	From Officer G. M. Geimann, for telegrams	1.55
Jan. 29, 1912,	From Officer Joseph Redmond	2.00
Jan. 30, 1912,	From Lieutenant Fitzhenery for telegrams	1.20
Feb. 26, 1912,	From Officer J. H. Coleman, for U. S. prisoners	10.00
Mar. 1, 1912,	From Sergt. A. D. Layne, in case of Moss & Co.	9.10
Mar. 4, 1912,	From D. A. White, in D. H. Walters case	60.00
Mar. 6, 1912,	From R. H. Bennett, Treasurer of Importers & Wholesale Liquor Merchants	150.00
Mar. 22, 1912,	From District Attorney for telegrams	.40
Mar. 25, 1912,	From D. A. White, Chief of Police, Joseph McMillian case	6.00
April 6, 1912,	From Lieutenant Fitzhenry, for telephone	1.00
April 6, 1912,	From Lieutenant Fitzhenry, for telephone	1.00
May 6, 1912,	From Lieutenant Fitzhenry, for telephone	1.00
May 10, 1912,	From Patrick Shea, Acting Chief of Police S. G. Lamb case	27.75
May 13, 1912,	From D. A. White, Chief of Police	150.00
May 22, 1912,	From D. A. White, Chief of Police	150.00
June 6, 1912,	From Lieutenant Fitzhenry, for telegrams	7.35
June 29, 1912,	From Det. Sergt. Joseph Redmond, cases of Hulbert, Stein and B. Bing	33.50
	Total amount refunded	$1,467.41
	Actual amount expended during the fiscal year	7,789.34
	Cash on hand June 30th, 1910	1,236.69
	Total	$9,026.03

Statement of the amount of money received and paid into the Treasury, for the service of police officers, detailed at various places of amusements, etc., under Section XII, of Chapter X, of the Charter, during the fiscal year ending June 30th, 1912 as per Treasurer's receipt on file.

1911—July	$ 100.00
August	67.50
September	110.00
October	57.50
November	57.50
December	70.00

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1912—January	127.50
February	85.00
March	102.50
April	72.50
May	105.00
June	97.50
	$1,052.50

Statement of the amounts deducted by the Honorable Board of Police Commissioners from awards of Police Officers for rewards during the fiscal year ending June 30th, 1912, and paid into the City and County Treasury as per the Treasurer receipts on file.

1911—July	$ 15.00
August	5.00
October	5.00
November	5.00
December	5.00
1912—January	15.00
February	10.00
March	15.00
April	15.00
May	20.00
June	35.00
Total	$ 145.00

The following is a statement of the amount realized on the sale of unclaimed property in the hands of the Property Clerk, since the last annual report, as provided under Section III, Chapter VIII, Article VIII of the Charter.

Cash taken from packages	$ 822.88	
Result of auction sale	675.85	
		$1,498.73

DISBURSEMENTS.

Auctioneer's Commission at 8%	$ 54.05	
Advertising sale	31.65	
1000 Post Cards, notice of sale	4.50	
		$ 90.20
Net cash paid to Treasurer		$1,408.53

EXHIBIT "J"

REPORT OF POLICE COURT APPEALS TO THE SUPERIOR COURT AND DISPOSITION OF SAME FOR THE FISCAL YEAR ENDING JUNE 30TH, 1912.

Appeals pending June 30th, 1911	21	
Appeals filed during the fiscal year ending June 30th, 1912	52	
Judgments affirmed		21
Judgments reversed		19
Judgments modified		15
Appeals pending		18
	73	73

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EXHIBIT "K"

LETTERS AND TELEGRAMS RECEIVED AND SENT OUT.

Letters received	3,564
Letters sent out	6,296
Telegrams sent out	1,012
Telegrams received	1,127

EXHIBIT "L"

REPORT OF BUREAU OF IDENTIFICATION, PHOTOGRAPHS AND DESCRIPTIONS OF CRIMINALS ON HAND JUNE 30TH, 1912.

PHOTOGRAPHS.

Photographs and descriptions of Local Criminals	24,762
Photographs and descriptions from San Quentin	25,834
Photographs and descriptions from Folsom	8,393
Photographs and descriptions from California points	7,963
Foreign, including United States, Canada, Europe, etc	19,778
Total in Bureau	86,720

WORK PERFORMED IN BUREAU.

Fingerprints taken	3,995
Photographs and Bertillion measurements taken	769
Photographs and measurements received	5,229
Circulars prepared and sent out	15,250
Circulars received	1,050

Photographs and measurements sent to other departments during the fiscal year ending June 30th, 1912.

Los Angeles	719
Oakland	719
Stockton	719
Sacramento	719
San Diego	719
San Jose	719
Washington, D. C.	150
Carson City, Nevada	719
Victoria, B. C.	719
Oklahoma City, Okla.	719
Tacoma, Wash.	100
Various other places	175
Total	7,615
Identifications made during the year	429

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EXHIBIT "M"

REPORT

OF THE

Police Relief and Pension Fund Commissioners

FOR

FISCAL YEAR ENDING JUNE 30TH, 1912.

To the Honorable James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—In compliance with Section IX, Article XVI, of the Charter of the City and County of San Francisco, the Board of Police Relief and Pension Fund Commissioners, herewith present and submit their report for the fiscal year ending June 30th, 1912:

The Board of Police Relief and Pension Fund Commissioners as now constituted consist of the following members:

Jesse B. Cook .....President
I. H. Spiro .....Commissioner
Alexander O'Grady .....Commissioner
James Woods .....Commissioner

The following members of the Police Department of the City and County of San Francisco were retired from active duty and pensioned by the Board of Police Relief and Pension Fund Commissioners, during the fiscal year 1911 and 1912 under the provisions of Chapter X of Article VIII of the Charter:

NAME.	Section Under.	Amount.	RANK.	Date of Retirement.
George W. Harrigan.....	1 and 3	$60.00	Police Officer	Aug. 17, 1911
Timothy P. Riordan.....	1 and 3	74.00	Det. Sergeant	Nov. 2, 1911
Peter Fanning	1 and 3	60.00	Police Officer	Nov. 2, 1911
Bernard Harter	1 and 2	69.00	Sergeant	Nov. 9, 1911
Thomas Mahoney	1 and 2	69.00	Sergeant	Nov. 9, 1911
Stephen Bunner	1 and 2	69.00	Sergeant	Nov. 9, 1911
Michael Mahoney	1 and 3	60.00	Police Officer	Nov. 9, 1911
John McLean	1 and 3	60.00	Police Officer	Nov. 9, 1911
Christopher Blank	1 and 3	69.00	Sergeant	April 1, 1912
John McGrevy	1 and 2	64.00	Corporal	April 1, 1912
Randolph C. Stroup.....	1 and 3	60.00	Police Officer	April 1, 1912
Jermiah Clifford	1 and 2	60.00	Police Officer	April 1, 1912
James O'Connor No. 1.....	1 and 2	60.00	Police Officer	April 1, 1912
John T. Edner	1 and 3	60.00	Police Officer	April 1, 1912
George Farrell	1 and 3	60.00	Police Officer	April 1, 1912
Wm. H. Williams	1 and 2	69.00	Sergeant	April 1, 1912

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The following pensioners died during the fiscal year 1911-1912:

NAME.	Section Under.	Amount.	RANK.	Date of Retirement.	Date of Death.
Hiram G. Smith...	1 and 3*	$50.00	Police Officer.	Oct. 1, 1906	Sept. 9, 1911
Chas. C. Wells.....	4 and 5‡	50.00	Police Officer.	Jan. 31, 1898	Feb. 21, 1912
Peter Coleman	3‡	50.00	Police Officer.	Dec. 31, 1889	Mar. 4, 1912
Albert M. Smith...	1 and 3*	50.00	Police Officer.	Apr. 1, 1907	Apr. 2, 1912
Wm. D. Hensley...	4 and 5‡	50.00	Sergeant	Apr. 7, 1890	Apr. 16, 1912

*Under Charter.

‡Under Act of 1899 as amended.

The following persons not members of the Department drawing pensions died during the fiscal year 1911-1912:

*Timothy J. Nolan father of Police Officer John Nolan, deceased; amount $60.00.

*Mrs. Catherine Heins, mother of Police Officer Wm. H. Heins, deceased; amount $60.00.

*Under Section IV, Chapter X of Article VIII of the Charter.

The following persons not members of the Department were granted a pension during the fiscal year 1911-1912:

‡Mary A. Crowley, widow of Police Officer John J. Crowley. Amount per month $60.00.

‡Josephine M. Engle, widow of Police Officer Frank W. Engle. Amount per month $60.00.

‡Minnie F. Castor, widow of Police Officer Chas. F. Castor. Amount per month $60.00.

‡Nellie Fennelly, widow of Police Officer Thomas Fennelly. Amount per month $60.00.

‡Nora Mangan, widow of Police Officer John Lee Mangan. Amount per month $60.00.

‡Zoe Hawes, widow of Corporal Hawes. Amount per month $64.00.

‡Julia and Timothy Nolan, parents of Police Officer John J. Nolan, deceased. Amount per month $60.00.

‡Under Section IV, Chapter X of Article VIII of the Charter.

The following persons not members of the Department were granted relief during the fiscal year 1911-1912:

Mrs. Catherine McQuaid, widow of Police Officer Frank McQuaid under Section VI, Chapter X of Article VIII, of the Charter. Amount $476.00.

Mrs. Nano Mahoney, widow of Police Officer William J. Mahoney, under Section VI, Chapter X of Article VIII of the Charter. Amount $264.00.

Mrs. Jennie O'Shea, widow of Police Officer John F. O'Shea under Section VI, Chapter X of Article VIII of the Charter. Amount $286.00.

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PENSION ROLL, JUNE 30, 1911

NAME.	Section Act of 1899.	Pension per Month.	Rank.	Date when Retired.
Dunlevy, Andrew J.	1 and 2	99.00	Captain of Police	May 4, 1904
Martin, John B.	1 and 3	99.00	Captain	Mar. 26, 1908
Bainbridge, Arnop	1 and 2	74.00	Detective Sergeant	July 3, 1907
Reynolds, Harry C.	1 and 3	74.00	Detective Sergeant	Oct. 7, 1907
Bryam, Edward	1 and 3	74.00	Detective Sergeant	Feb. 4, 1908
Whittaker, Ross J.	1 and 3	74.00	Detective Sergeant	Feb. 4, 1908
Harper, Gustavus D.	1 and 3	74.00	Detective Sergeant	Feb. 6, 1908
Harter, Bernard	1 and 2	69.00	Sergeant	Nov. 9, 1911
Gibson, Edw. L.	1 and 3	74.00	Det. Sergeant	June 29, 1911
Riordan, Timothy J.	1 and 3	74.00	Det. Sergeant	Nov. 2, 1911
Price, William	1 and 3	69.00	Lieutenant	Oct. 2, 1905
Ayres, Jno. C.	1 and 3	69.00	Lieutenant	Jan. 2, 1906
Cook, Jesse B.	1 and 3	69.00	Sergeant	Feb. 10, 1910
Melody, Joseph	1 and 3	61.50	Sergeant	July 5, 1906
Sharp, Abraham	3	61.50	Sergeant	Aug. 31, 1893
Bethell, Thos.	4 and 5	61.50	Sergeant	Dec. 31, 1899
Houghtaling, A. J.	3	61.50	Sergeant	Jan. 3, 1899
Avan, John	3	61.50	Sergeant	Nov. 2, 1898
Shields, Jno. W.	1 and 2	61.50	Sergeant	April 16, 1900
Lindhelmer, Mier	1 and 2	61.50	Sergeant	April 16, 1900
Murphy, Michael	3	61.50	Sergeant	Jan. 3, 1898
Wright, Casius P.	1 and 3	61.50	Sergeant	Jan. 5, 1903
Harper, Edgar	1 and 3	61.50	Sergeant	April 4, 1904
Tobin, Patrick	1 and 3	61.50	Sergeant	April 5, 1905
Harman, Geo. W.	1 and 3	61.50	Sergeant	Jan. 3, 1895
Blank, Christopher	1 and 3	69.00	Sergeant	April 1, 1912
Mahoney, Thomas	1 and 2	69.00	Sergeant	Nov. 9, 1911
Williams, Wm. H.	1 and 2	69.00	Sergeant	April 1, 1912
Bunner, Stephen	1 and 2	69.00	Sergeant	Nov. 9, 1911
Parrotte, Jno. F.	1 and 3	57.50	Corporal	July 5, 1906
Bowlen, Thos. F.	4 and 5	57.50	Corporal	July 7, 1903
McGrevy, John	1 and 2	64.00	Corporal	April 1, 1912
Egan, Edward M.	1 and 3	64.00	Corporal	Jan. 16, 1908
Gardinier, Henry	4 and 5	50.00	Police Officer	Sept. 30, 1899
McDonough, Patrick	4 and 5	50.00	Police Officer	Sept. 30, 1899
Tyner, William	4 and 5	50.00	Police Officer	Sept. 30, 1899
Birch, William	4 and 5	50.00	Police Officer	Sept. 30, 1899
Flannery, Michael	4 and 5	50.00	Police Officer	April 8, 1890
Duff, Thomas	4 and 5	50.00	Police Officer	April 13, 1890
McMahon, Francis C.	4 and 5	50.00	Police Officer	July 6, 1893
Horrigan, Eugene	4 and 5	50.00	Police Officer	Jan. 4, 1897
McGrath, Jno. A.	4 and 5	50.00	Police Officer	July 1, 1897
McNulty, Thomas	4 and 5	50.00	Police Officer	Jan. 3, 1898
Courneen, Dennis	3	50.00	Police Officer	Aug. 1, 1899
Fleming, Patrick	4 and 5	50.00	Police Officer	Oct. 5, 1899
Manning, John	4 and 5	50.00	Police Officer	Nov. 2, 1899
Williams, Amos M.	4 and 5	50.00	Police Officer	Dec. 6, 1899
Menihan, Patrick	4 and 5	50.00	Police Officer	Dec. 6, 1899
Michaels, Amelia	6	33.33	Widow of M. Michaels	
Burke, Delia	6	46.00	Widow of Wm. Burke	
Heaphey, Nellie	6	33.33	Widow of M. Heaphey	
Norton, Sarah	4	50.00	Widow of Jas. Norton	
Conway, Maria	4	50.00	Widow of Thos. Conway	
Mogan, Violet J.	*4	50.00	Widow of Jos. Mogan	
Daley, Catherine	*4	50.00	Widow of D. J. Daley	
Anthony, Lena	*4	50.00	Widow of A. Anthony	
Gwinn, Mary F.	*4	50.00	Widow of Wm. Gwinn	
Mangan, Kate	*4	50.00	Widow of Wm. Mangan	
Spillane, Mary	*4	50.00	Widow of Jno. Spillane	
Fenner, Hilda	*4	50.00	Widow of Max Fenner	
Cook, Norah	*4	50.00	Widow of Jas. Cook	
Floyd, Hannah	*4	50.00	Widow of J. M. Floyd	
McCartney, Therese	*4	50.00	Wid. of E. J. McCartney	

*Section of Charter.

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PENSION ROLL, JUNE 30, 1911—Continued.

NAME.	Section Act of 1899.	Pension per Month.	Rank.	Date when Retired.
Madden, Lilly	*4	50.00	Widow of J. Madden	
Hogan, Margaret	*4	60.00	Widow of D. Hogan	
McMurray, Elizabeth	*4	60.00	Widow of H. McMurray	
Collins, Nellie	*4	60.00	Widow of F. C. Collins	
Crowley, Mary A.	*4	60.00	Widow of J. J. Crowley	
Engle, Josephine M.	*4	60.00	Widow of Frank Engle	
Fennelly, Mary	*4	60.00	Widow of T. Fennelly	
Castor, Minnie	*4	60.00	Widow of C. F. Castor	
Hawes, Zoe S.	*4	64.00	Widow of J. W. Hawes	
Norah Mangan	*4	60.00	Wid. of J. L. Mangan	
Nolan, Julia	*4	60.00	Mother of J. J. Nolan	
Doran, Joseph	4 and 5	50.00	Police Officer	Dec. 31, 1899
Benjamin, Levi M.	4 and 5	50.00	Police Officer	Dec. 31, 1899
Behan, Maurice	4 and 5	50.00	Police Officer	Dec. 31, 1899
Barnes, Chas. M.	*1 and 3	50.00	Police Officer	July 21, 1902
Dillon, Thos. H.	3	50.00	Police Officer	Dec. 31, 1899
Conly, John J.	4 and 5	50.00	Police Officer	Jan. 5, 1900
Tyron, Thos. C.	4 and 5	50.00	Police Officer	Jan. 6, 1900
Morton, John M.	*1 and 3	50.00	Police Officer	April 16, 1900
Bode, Ernest F.	*1 and 3	50.00	Police Officer	July 1, 1901
Harris, Cyrus B.	*1 and 3	50.00	Police Officer	April 3, 1906
Perry, Patrick	*1 and 3	50.00	Police Officer	Dec. 3, 1902
Watterman, Chas. V.	*1 and 3	50.00	Police Officer	Oct. 6, 1902
Aitken, James	*1 and 3	50.00	Police Officer	April 6, 1903
Farley, Elliott	*1 and 3	50.00	Police Officer	April 6, 1903
Richter, Peter	*1 and 3	50.00	Police Officer	Oct. 6, 1903
Fleming, John	*1 and 3	50.00	Police Officer	Jan. 11, 1904
De Blois, Geo. C.	*1 and 3	50.00	Police Officer	Jan. 11, 1904
Haggett, Geo. W.	*1 and 3	50.00	Police Officer	July 5, 1900
Samuels, Wm. P.	*1 and 3	50.00	Police Officer	April 19, 1904
Falls, Richard J.	*1 and 3	50.00	Police Officer	April 4, 1904
Hanley, Wm. H.	*1 and 3	50.00	Police Officer	Aug. 2, 1904
Crosby, Patrick	*1 and 3	50.00	Police Officer	Jan. 11, 1904
Arrellanes, Christopher.	*1 and 3	50.00	Police Officer	Jan. 3, 1905
Sawyer, Benj. T.	*1 and 3	50.00	Police Officer	April 19, 1905
Harrington, Gregory	*1 and 3	50.00	Police Officer	May 25, 1906
Hickey, Jerome J.	*1 and 3	50.00	Police Officer	July 5, 1906
Owens, Daniel	*1 and 3	50.00	Police Officer	Jan. 21, 1907
Cavanaugh, Thos. J.	*1 and 3	50.00	Police Officer	Jan. 21, 1907
Gillin, Peter A.	*1 and 3	50.00	Police Officer	Mar. 21, 1907
Coleman, Thomas J.	*1 and 3	60.00	Police Officer	Jan. 16, 1908
Donohue, Cornelius	*1 and 3	60.00	Police Officer	Jan. 16, 1908
Thomson, Samuel M.	*1 and 3	60.00	Police Officer	Jan. 30, 1908
Morgan, John	*1 and 3	60.00	Police Officer	Oct. 7, 1909
Hobi, Thomas F.	*1 and 3	60.00	Police Officer	Jan. 3, 1910
Maher, Martin A.	*1 and 3	60.00	Police Officer	April 4, 1910
Riley, Frank W.	*1 and 3	60.00	Police Officer	April 4, 1910
Sheehan, John W.	*1 and 3	60.00	Police Officer	April 10, 1911
Gordon, Andrew	*1 and 3	60.00	Police Officer	May 25, 1911
Harrigan, Geo. W.	*1 and 3	60.00	Police Officer	Aug. 17, 1911
Fanning, Peter	*1 and 3	60.00	Police Officer	Nov. 2, 1911
McLean, John	*1 and 3	60.00	Police Officer	Nov. 16, 1911
Mahoney, Michael	*1 and 3	60.00	Police Officer	Nov. 16, 1911
Stroup, Randolph	*1 and 3	60.00	Police Officer	April 1, 1912
Clifford, Jeremiah	*1 and 3	60.00	Police Officer	April 1, 1912
O'Connor, James No. 1	*1 and 3	60.00	Police Officer	April 1, 1912
Ebner, John T.	*1 and 3	60.00	Police Officer	April 1, 1912
Farrell, George	*1 and 3	60.00	Police Officer	April 1, 1912

*Section of Charter.

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RECAPITULATION.

Number of retired officers drawing pensions on July 1st, 1911	84	
Other persons drawing pensions	20	
Total drawing pensions on July 1st, 1911	—	104
Number of officers retired during fiscal year ending June 30th, 1912	16	
Other persons granted pensions during fiscal year ending June 30, 1912	8	
Total	—	24
Died during the fiscal year ending June 30th, 1912	7	
Restored to active duty during fiscal year ending June 30th, 1912	0	
Total	—	7
Total drawing pensions July 1st, 1912		121

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDING JUNE 30, 1912.

By amount allowed out of pension fund during year	$77,758.80
By amounts paid for other purposes	1,008.00
K. F. Conway, Secretary	600.00
Dr. J. F. Richards, examining applicants for pensions	85.00
Dr. J. F. Sullivan, examining applicants for pensions	75.00
Total allowed by Board of Police Pension Fund Commissioners	$79,526.80
Less demands not yet presented to Auditor	186.10
Total amount audited	$79,340.70

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Report of Board of Education

San Francisco, California, July 1, 1912.

To the Honorable Board of Supervisors,
City and County of San Francisco.

Gentlemen:

In accordance with provision of the Charter, I have the honor to submit herewith the annual report of the Board of Education, embracing the report of the Superintendent of Schools, for the fifty-ninth fiscal year of the School Department, ending June 30, 1912.

Respectfully,

A. A. D'ANCONA,
President Board of Education, City and County of San Francisco.

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Report of Superintendent of Schools

San Francisco, July 1, 1912.

To the Honorable, the Board of Education, in and
for the City and County of San Francisco.

Ladies and Gentlemen:—I have the honor to submit herewith the annual report on the condition of the public schools of this City and County, as required by the Charter, for the sixtieth fiscal year of the School Department, ending June 30, 1912.

ALFRED RONCOVIERI,
Superintendent of Common Schools, in and
for the City and County of San Francisco.

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GENERAL STATISTICS.

Fiscal Year Ending, June 30, 1912.

Population of the City and County		450,000
Municipal Assessment—		
Real Estate	$405,516,520.00	
Personal Property	57,333,505.00	
Total	$461,850,025.00	
State Assessment	83,207,566.00	
Total Assessable		$545,057,591.00
Assessment just completed on which taxes will be collected for year 1912-1913—		
Municipal	$511,194,525.00	
State	94,293,628.00	
Total		$605,488,153.00
Gain for Year		60,330,562.00
City and County School Tax on each $100.00; 23½c.		
Total rate (including Panama-Pacific In. Ex. Co. 5c); $2.05, 1911-1912.		
City and County School Tax on each $100.00; 1912-1913 22 4/10 cts.		
Total rate (including Panama-Pacific In. Ex. Co. 5c); $2.10, 1912-1913.		
City and County Taxes for school purposes		$ 1,082,531.39
Apportionments of State School Funds—		
High Schools	$ 37,421.57	
Elementary Schools	601,182.56	
Total		$ 638,604.13

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ESTIMATED VALUE OF SCHOOL PROPERTY.

Sites occupied by Elementary Schools	$2,616,700.00	
Sites occupied by Secondary Schools	547,000.00	
Sites not occupied by schools	2,600,000.00	
Total value of land		$ 5,763,700.00
Buildings—		
Elementary Schools	$5,140,470.00	
Secondary Schools	1,176,294.00	
Administration	15,000.00	
Total Value of Buildings		$ 6,331,764.00
Furniture—		
Elementary Schools	$ 292,396.00	
High Schools	23,350.00	
Administration	3,500.00	
Total Value of Furniture		$ 319,246.00
Apparatus and Laboratories—		
Elementary Schools, including Manual Training and Cooking	$ 30,000.00	
High Schools	50,000.00	
Total Value of all Apparatus and Laboratories		$ 80,000.00
Library—		
Elementary Schools	$ 35,819.00	
High Schools	4,710.00	
Teachers'	890.00	
Storeroom	800.00	
Total Value Libraries		$ 42,219.00
Total Value (Estimated) of all School Property		$12,536,929.00

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FINANCIAL REPORT.

DISBURSEMENTS.

Salaries—		
Teachers—		
High School	$ 148,337.10	
Commercial	34,313.45	
Humboldt Evening High	19,083.20	
Primary and Grammar	1,200,404.35	
Evening (except Humboldt)	55,961.00	
Special (Athletics, Domestic Science, Industrial Work, Manual Training, Music, Penmanship, Physical Culture, Primary Reading)	44,918.35	
Total of Teachers' Salaries		$1,503,017.45
Janitors—		
High School	$ 9,300.00	
Humboldt Evening High	300.00	
Primary and Grammar	80,603.80	
Evening	2,910.00	
Total of Janitors' Salaries		$ 93,113.80
Board of Education, (4 members)	$ 11,947.50	
Chauffeur	1,562.50	
Inspector of Boilers (abolished Feb. 12)	875.00	
Inspector (Gas and Water Supply)	1,550.00	
Scavenger	3,900.00	
Secretary and Attaches (10 persons)	14,146.00	
Storeroom —Bookkeeper	608.35	
Storekeeper and Assistant	2,880.00	
Superintendent Buildings	2,094.15	
Superintendent of Schools and 4 Deputies	15,975.96	
Supply Department—Foreman, (abol. Feb. 12)	875.00	
Wages, Mechanics	9,522.75	
Total Miscellaneous Salaries		$ 65,937.21
Grand Total of Salaries		$1,662,068.46
Advertising	$ 138.00	
Athletics	1,213.79	
Books and Charts	7,873.61	
Buildings, Additions to	2,356.61	
Cartage	1,829.75	
Cooking Center Equipment	358.90	
Drinking Fountains	3,000.00	
Fuel	17,954.00	
Furniture	9,887.61	
Home Economics	239.95	
Lectures, Free Public	1,041.41	
Light	6,301.71	
National Education Association, Convention Expense—		
Polytechnic High School Equipment	2,222.56	
Printing	3,605.71	
Rents ($20 Polytechnic)	5,115.75	
Stationery	11,569.00	
Supplies—		
Cooking	$ 2,143.48	
High School	2,716.36	
Incidental	14,139.31	

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SUPPLIES—Continued.			
Industrial	874.22		
Janitorial	3,535.86		
Manual Training	2,208.87	25,618.12	
Teachers' Institute		1,365.00	
Telephone and Telegraph		76.41	
Toilets (New)		1,394.00	
Water		11,643.57	$ 115,553.16
Repairs to Buildings, (expended by Board of Public Works)		100,000.00	
Grand Total Expenditures			$1,877,621.62

RECEIPTS.

City and County Taxes		$1,082,531.39
State Apportionment High Schools	$ 37,421.57	
State Apportionment Elementary Schools	601,182.56	
Total		638,604.13
Rents derived from School Property		52,854.00
Money from sale of Old Material		100.00
Special Appropriation by Board of Supervisors expended by Board of Works for Repairs		100,000.00
Grand Total Receipts		$1,874,089.52

RESUME'.

Expenditures	$1,877,621.62
Receipts	1,874,089.52
Deficit year ending June 30, 1912	*3,532.10
Deficit year ending June 30, 1911	27,173.37
Total Deficit	$ *30,705.47

Including redemption of bonds ($89,600.00) and expenditure of bond money for land, buildings and equipment ($1,866,542.00) there was spent on the public schools of San Francisco for the year ending June 30, 1912, $3,833,763.62.

DEPARTMENT EXPENSES PRORATED AMONG HIGH, ELEMENTARY AND EVENING SCHOOLS, ON THE BASIS OF AVERAGE DAILY ATTENDANCE.

All Salaries, except Teachers' and Janitors'	$ 65,937.21	
All other expenses except additions to buildings, equipment Cooking Center, Drinking Fountains, Home Economics, Light, Polytechnic High School equipment, Rents, Supplies, Toilets	68,945.56	
Repairs, (Board of Public Works)	100,000.00	
Total Pro-rated		$234,882.77
High Schools (4)	$ 12,141.44	
Commercial	4,337.80	
Elementary	202,687.53	
Humboldt Evening	4,001.00	
Other Evening	11,715.00	
		$234,882.77

*Expected additional revenue will reduce this deficit by possibly, $1000.00.

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DISTRIBUTION OF EXPENSES AMONG SCHOOLS.

(Not including Sites and Buildings.)

High Schools—		
Equipment (Polytechnic)	$ 2,222.56	
Instruction	148,337.10	
Janitors	7,500.00	
Light and Electricity	600.00	
Rent (Polytechnic)	20.00	
Supplies	3,228.20	
Share of Department Expenses pro-rated	12,141.44	
		$ 174,049.30
Commercial School—		
Instruction	$ 34,313.45	
Janitors	1,800.00	
Supplies	727.74	
Share of Department Expenses pro-rated	4,444.65	
		41,285.84
Elementary Schools (Day)—		
Buildings (additions to)	$ 2,356.61	
Cooking Center Equipment	358.00	
Drinking Fountains	3,000.00	
Instruction	1,254,322.70	
Janitors	80,603.80	
Supplies	20,400.33	
Rents	5,095.75	
Toilets (New)	1,394.00	
Share of Department Expenses pro-rated	202,687.53	
		1,561,219.62
Humboldt Evening High School—		
Instruction	$ 19,083.20	
Janitors	300.00	
Light	1,505.21	
Supplies	267.00	
Share of Department expenses pro-rated	4,001.00	
		25,156.41
Other Evening Schools—		
Home Economics	239.95	
Instruction	55,961.00	
Janitors	2,910.00	
Light	4,196.50	
Supplies	888.00	
Share of Department expenses pro-rated	11,715.00	
		75,910.45
Total Expenditures		$1,877,621.62

Exclusive of Bond Money for Sites, Buildings and Equipment.

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COST PER PUPIL, 1911-1912.

	Per Pupil Enrolled	Per Pupil Avge. Daily Attendance	Year 1910-11
(a) For Instruction Only—			
High Schools	$54.68	$64.85	$63.48
Primary and Grammar Schools	29.70	35.70	37.04
Evening Schools including Humboldt	9.65	27.73	26.62
(b) For all Expenditures (not including buildings and sites—			
High Schools	58.80	69.16	73.01
Primary and Grammar Schools	37.00	44.52	44.26
Evening Schools	13.02	37.15	35.70

MEDAL FUNDS.

Name of Fund.	Deposited in.	In Fund June 30, 1912.
Bridge Silver Medal	Hibernia Savings & Loan Society	$2,003.26
Denman Grammar School	Hibernia Savings & Loan Society	1,158.99
Denman Silver Medal	German Savings & Loan Society	1,962.50
Hancock Grammar School	German Savings & Loan Society	387.92
Jean Parker Grammar School	German Savings & Loan Society	336.04
John Swett Grammar School	Hibernia Savings & Loan Society	164.33
Lincoln Grammar School	Hibernia Savings & Loan Society	2,204.36

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STATEMENT SETTING FORTH THE EXPENDITURE OF MONEY DERIVED FROM SALE OF BONDS (ISSUE OF 1904, 1908 AND 1909), TO JUNE 30, 1912.

School	Site	Buildings	Furniture or Equipment.
Girls' High		$ 225,502.60	
Lowell High	$ 138,500.00	207,805.20	
Mission High	103,910.00		
Polytechnic High	65,000.00	202,919.22	
S. F. Commercial	36,800.00	261,635.28	$ 15,462.43
Adams		94,739.36	4,159.98
Agassiz	16,500.00		
Bay View	10,250.00	116,892.00	5,296.00
Bernal	11,800.00		
Bryant		106,306.15	4,545.89
Burnett	10,000.00	54,372.92	3,800.08
Cleveland	13,250.00	64,782.24	3,566.44
Crocker	2,750.00		
Denman	88,843.00	158,494.85	3,502.02
Douglass	10,750.00		
Dudley Stone	12,000.00		
Edison	17,400.00		
Everett	20,400.00		
Farragut	12,537.50	101,914.91	2,474.30
Francis Scott Key		38,904.00	2,869.40
Frank McCoppin	9,500.00	106,294.69	4,085.56
Franklin		75,926.83	4,284.62
Fremont	6,750.00		
Garfield	10,150.00	111,188.18	4,884.99
George Peabody		80,545.02	2,951.80
Glen Park	5,600.00	45,750.00	3,672.00
Golden Gate	25,693.00	73,533.00	4,200.00
Grant	44,500.00		
Grattan	28,500.00	68,579.17	3,484.88
Hancock	10,800.00	166,321.20	5,233.72
Harrison	10,000.00	22,435.41	441.39
Horace Mann	15,000.00		
Jackson	37,500.00		
James Lick	5,600.00		
Jean Parker	20,675.00	173,355.57	5,720.17
John Swett	56,750.00	91,156.74	3,010.02
Junipero Serra	21,815.00	91,603.59	4,545.89
Kate Kennedy	31,650.00	102,370.57	3,697.44
Laguna Honda		91,418.99	4,283.28
Le Conte	14,000.00		
Lincoln	7,050.00	74,650.96	4,020.76
Longfellow	9,250.00	78,675.38	2,645.83
McKinley	35,000.00	111,018.18	3,523.33
Madison		87,945.72	3,500.00
Marshall	67,250.00	3,419.70	
Mission Grammar		171,836.66	4,053.10
Monroe	13,800.00	84,296.00	3,600.00
Noe Valley	13,250.00		
Pacific Heights	23,500.00		
Portola	5,000.00	97,042.23	3,700.00

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Rochambeau	39,489.00	38,900.00	3,891.00
Sheridan	9,750.00	105,749.60	4,991.58
Spring Valley	31,325.00	118,595.67	5,233.72
Starr King	14,500.00		
Sunnyside	2,000.00	31,000.00	
Sutro	7,100.00	101,341.49	4,448.78
Visitacion Valley		46,623.88	2,918.53
Washington	17,000.00	118,944.00	4,988.00
Washington Irving		26.62	
Winfield Scott		42,206.43	3,590.58
Yerba Buena	17,000.00		
Miscellaneous Plans, Specification		57,656.08	
Lot on Geary St	27,000.00		
	$1,264,437.00	$4,305,018.65	$155,275.15

Grand Total Expended.....$5,724,730.80

STATEMENT CONCERNING THE ISSUANCE OF SCHOOL BONDS.

1. 3½% SCHOOL BONDS DATED JULY 1, 1904—

Authorized at a special election Sept. 29, 1903
Total vote, 27,308; ⅔ of the vote necessary to carry—18,206.
Votes in favor 23,327; excess of votes necessary, 5,121.

Amount authorized	$3,595,000.00
Issued	1,305,500.00
Redeemed to date	628,600.00
Face value of bonds outstanding	$ 676,900.00
Canceled	$1,975,600.00
Annual redemption	$ 89,800.00

Sinking Fund ends, 1922.

Condition of Fund, July 1, 1912—

Issued 1904-1905	$1,077,600.00
Issued 1910-1911	39,000.00
Issued 1911-1912	188,900.00
Total Issued	$1,305,500.00
Expended	1,303,515.82
Balance in Fund July 1, 1912	$ 1,984.18

2. 5 PER CENT SCHOOL BONDS DATED JULY 1, 1908—

Election May 11, 1908.
Total vote cast 23,560; ⅔ necessary to carry—15,707.
Votes in favor 21,397; excess of votes necessary, 5,694.

Amount authorized	$5,000,000.00
Issued and outstanding, July 1, 1912	$4,000,000.00

Redemption commences July 1, 1914, when $140,000 will be redeemed and $140,000, every year thereafter until July 1, 1938. Annual sinking fund required, if all bonds are issued, $200,000.

Condition of Fund—

Issued 1908-1909	$2,000,000.00
Issued 1909-1910	900,000.00

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Issued 1910-1911	600,000.00
Issued 1911-1912	500,000.00
Premium	287,051.40
Total realized	$4,287,051.40
Expended	4,218,295.16
Balance in Fund, July 1, 1912	$ 68,755.64

3. POLYTECHNIC HIGH SCHOOL 4½% BONDS, DATED JAN. 1, 1910—

Authorized by election June 22, 1909.
Total vote, 24,058; ⅔ of vote necessary to carry, 16,039.
Votes in favor, 17,979; excess of votes necessary, 1,940.

Issue authorized	$600,000.00
Issued and outstanding, July 1, 1912	$456,000.00

Annual redemption of $19,000 commences July 1, 1914.
Annual sinking fund, if all bonds are issued, $25,000; commences 1914 and ends in 1937.

Condition of Fund, July 1, 1912—

Issued	$456,000.00
Premium	1,758.00
Realized	$457,758.00
Expended	202,919.22
Balance in Fund	$245,838.78

SCHOOLS.

Number of High Schools, including San Francisco Commercial and Humboldt Evening High School	6
Number of Grammar	25
Number of Primary Schools	55
Number of Special Schools	8
Number of Evening Schools	16
Total Number of Schools	105
Number of concrete school buildings owned by the department, Class "A"	9
Number of brick school buildings owned by the department, "Special Construction"	18
Number of concrete school buildings owned by the department	12
Number of wooden school buildings owned by the department, "Class C"	50
Number of rooms rented by the department	2
Total number of buildings used by the department	91

"STATE ENROLLMENT" BY GRADES AND SEX.

(State Enrollment ADMITS NO DUPLICATION. PUPILS PROMOTED DURING THE YEAR ARE ENUMERATED ONLY in the grades from which they were promoted.)

DAY SCHOOLS.

	Boys	Girls	Total
Kindergarten	33	37	70
First Grade	5,746	4,840	10,586
Second Grade	3,286	2,775	6,061

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Third Grade	3,136	2,790	5,926
Fourth Grade	2,787	2,663	5,450
Fifth Grade	2,376	2,271	4,647
Sixth Grade	1,856	1,976	3,832
Seventh Grade	1,584	1,533	3,117
Eighth Grade	1,109	1,246	2,355
Totals Elementary and Kindergarten	21,913	20,131	42,044
High Schools—			
First Year	427*	488*	915*
Second Year	292	456	748
Third Year	145	329	474
Fourth Year	104	271	375
Total High	968	1,544	2,512
Commercial—			
First Year	156*	329*	485*
Second Year	84	257	341
Total Commercial	240	586	826
Grand Totals (Day Schools)	23,121	22,261	45,382

EVENING SCHOOLS.

	Boys	Girls	Total
Humboldt Evening High—			
First Year	887	215	1,102
Second Year	280	8	288
Third Year	101	13	114
Totals	1,268	236	1,504
North Beach High and Evening Technical School—			
First Year	609	497	1,106
Second Year	134	108	242
Third Year	12	3	15
Totals	755	608	1,363
Elementary Evening Schools—			
First Grade	846	308	1,154
Second Grade	445	61	506
Third Grade	409	64	473
Fourth Grade	405	60	465
Fifth Grade	359	26	385
Sixth Grade	418	126	544
Seventh Grade	563	174	737
Eighth Grade	572	75	647
Totals	4,017	894	4,911
Grand Totals Evening Schools	6,040	1,738	7,778
Grand Totals Day Schools	23,121	22,261	45,382
Grand Totals	29,161	23,999	53,160

* These figures EXCLUDE those enrolling in January and who during the year were enrolled in the Grammar (8th) grade.

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STATE SCHOOL ENROLLMENT AND ATTENDANCE STATISTICS FOR THE YEAR ENDING

	Enrollment	June 30, 12. Increase (I) over or Decrease (D) from 1911.	June 30, '11. Enrollment
High Schools	2,512	D. 401*	2,913
S. F. Commercial	826	D. 50*	876
Elementary	41,974	I. 1,784	40,190
Kindergarten	70	I. 7	63
Humboldt Evening High	1,504	I. 480	1,024
Other Evening Schools	6,274	D. 122	6,396
	53,160	I. 1,698	51,462

AVERAGE DAILY ATTENDANCE.

	Av. Daily Attend.		Av. Daily Attend.
High Schools	2,091	D. 35	2,126
S. F. Commercial	747	I. 166	581
Elementary	34,879	I. 2,334	32,545
Kindergarten	25	D. 4	29
Humboldt Evening High	689	I. 238	451
Other Evening Schools	2,017	I. 13	2,004
	40,448	I. 2,712	37,736

Last year the San Francisco Commercial School was regarded as a high school.

GRADUATES.

Number of graduates from the grammar school for the year—

Boys	Day 752,	Evening 140	892
Girls	Day 771,	Evening 73	844
Total			1,736

Number of graduates from the high schools for the year—

Boys	Day 104,	Evening 60	164
Girls	Day 335	Evening 40	375
Total			539

*This year all pupils entering high schools who were enrolled at any time during the year in a grammar school are omitted by order of State Superintendent; such pupils were included last year.

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TEACHERS EMPLOYED DURING THE YEAR ENDING JUNE 30, 1912.

	Principals or Supervisors of Special Subjects		Teachers	
	Men	Women	Men	Women
(4) High Schools (Day)	4	0	A37	A43
Humboldt Evening High	1	0	22	4
North Beach Evening High	1	0		
San Francisco Commercial	1	0	B 3	17
(25) Elementary (Day) Grammar	8	17	C 7	D354
(55) Elementary (Day) Primary	3	52	1	543
Oral for Deaf		1	1	
Special Subjects	4	5	11	18
Elementary Evening	11	2	10	53
Commercial Evening	1		7	7
Jean Parker Evening School of Home Economics		1		4
Substitutes (Emergency, June 1912)			1	53
Teachers on leave who were employed some time during the year (four of these in evening service			5	29
Totals	34	78	105	1125

Grand Total (employed)	Men	139,	Women	1203=1342
Less Leaves	Men	5,	Women	29= 34
Net number on pay roll June 1912	Men	134,	Women	1174=1308

A= 2 Vice Principals.
B= 1 Vice Principals.
C= 2 Vice Principals.
D=21 Vice Principals.

SCHOLASTIC TRAINING AND CERTIFICATION OF TEACHERS.

Number of Teachers (including Principals.)

	Men	Women
Who are graduates of University of California	35	89
Who are graduate of Leland Stanford Jr. University	10	7
Who are graduates of Other Universities	18	7
Who are graduates of other Colleges	20	17
Who are graduates of S. F. City Normal School or Class	2	363
Who are graduates of Chico State Normal School	1	13
Who are graduates of Los Angeles State Normal	1	5
Who are graduates of San Diego State Normal		3
Who are graduates of San Francisco State Normal		129
Who are graduates of San Jose Normal	3	93
Who are graduates of Normal Schools of other States	9	27

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CERTIFICATES.

No. holding certificates of High School Grade	70	129
No. holding certificates of Grammar School Grade	22	1,020
No. holding certificates of Primary School Grade		21
No. holding Special Certificate in Bookkeeping	6	14
No. holding Special Certificate in Domestic Science		11
No. holding Special Certificate in Drawing, (all departments)	12	8
No. holding Special Certificate in Languages		28
No. holding Special Certificate in Manual Training (all Depts.)	13	1
No. holding Special Certificate in Music	1	43
No. holding Special Certificate in Physical Culture	4	3
No. holding Special Certificate in Stenography and Typewriting	5	26

VOLUMES IN SCHOOL LIBRARIES AND STOREROOM (INCLUDING BOOKS FOR USE OF INDIGENTS).

	Volumes	Estimated Value
High Schools, including Humboldt Evening and S. F. Com'l	6,223	$ 4,710
Primary and Grammar Schools	84,113	35,819
Evening Schools	2,414	890
In Storeroom	1,610	800
	94,360	$42,219

SCHOOL VISITATION.

Official visits of Superintendent and deputies	4,295
Official visits by members of the Board of Education	4,289
Visits by other persons	67,057

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SOME SCHOOL STATISTICS FROM THE OPENING OF THE FIRST FREE

Year Ending Oct. 31.	No. of Schools.	Teachers.	Pupils Enrolled.	Average Daily Attendance.	Population.
1850	1	2	150	.....	
1851	1	4	325	.....	
1852	7	15	700	445	
1853	....	16	2,870	1,182	
1854	....	19	4,199	1,727	
1855	....	29	4,694	1,638	
1856	9	61	3,347	2,516	
Year Ending June 30.					
1857	....	60	2,821	2,155	
1858	....	67	5,273	2,521	
1859	11	75	6,201	2,829	56,802
1860	....	68	6,180	2,837	
1861	13	73	6,617	3,377	
1862	17	82	8,204	3,786	
1863	....	94	8,177	4,389	
1864	20	108	7,075	5,470	
1865	....	138	8,000	6,718	
1866	32	206	10,152	8,131	
1867	37	253	13,385	10,177	
1868	39	285	17,426	11,871	
1869	42	326	19,885	13,113	
1870	55	371	22,152	15,394	150,005
1871	56	416	26,406	16,978	
1872	56	480	27,664	18,272	
1873	58	506	27,722	18,550	
1874	64	510	29,449	19,434	
1875	64	552	31,128	21,014	
1876	66	574	34,029	22,761	
1877	66	632	37,268	24,899	
1878	65	672	38,672	26,292	
1879	64	696	38,129	27,075	
1880	59	685	38,320	28,150	234,144
1881	62	719	40,187	29,092	
1882	65	675	40,752	29,435	
1883	63	687	40,722	30,827	
1884	64	714	41,942	31,578	
1885	65	734	43,265	32,183	
1886	65	773	43,140	32,146	
1887	68	799	43,311	31,316	
1888	68	806	42,330	30,191	
1889	71	838	42,626	31,609	
1890	72	859	42,926	31,352	298,997
1891	73	879	43,626	31,809	
1892	75	897	46,172	32,431	
1893	76	929	45,775	32,799	
1894	73	866	44,349	32,939	
1895	75	904	44,822	32,974	
1896	76	927	45,435	33,508	
1897	77	974	46,564	33,531	
1898	92	1,070	50,101	35,116	
1899	90	1,074	48,972	36,830	
1900	86	1,061	48,058	35,004	342,782
1901	82	1,017	48,517	34,771	
1902	84	1,052	48,893	35,691	
1903	84	1,086	48,345	37,077	
1904	85	1,121	49,600	37,700	
1905	85	1,181	55,067	40,920	
1906	86	1,115	57,782	41,932	
1907	83	971	45,633	29,929	
1908	89	1,095	48,045	33,931	
1909	92	1,195	48,509	35,541	
1910	95	1,198	50,212	36,774	416,912
1911	100	1,227	51,462	37,736	
1912	105	1,308	53,160	40,448	
Total					

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PUBLIC SCHOOL BY J. C. PELTON, DECEMBER, 1849, TO JUNE 30, 1912.

Expenses for All Purposes.	Cost per Capita on Average Daily Attendance.	School Census Children 4 to 18 Years.	Value of School Property.	Assessment of City and County Property.
.....	.....	500	.....	.....
.....	.....	1,510	.....	.....
$23,125	51.96	2,132	.....	.....
35,040	296.5	2,730	.....	.....
159,249	125.19	3,268	.....	.....
136,580	88.38	4,531	.....	.....
125,064	49.71	4,751	.....	.....
92,955	48.14	4,755	.....	.....
104,808	41.57	6,375	.....	.....
134,731	47.62	7,767	.....	.....
156,407	55.13	9,025	.....	.....
158,855	47.04	13,316	.....	.....
134,576	35.58	13,358	.....	.....
178,929	47.67	16,501	.....	.....
228,411	41.76	18,748	.....	.....
346,862	50.15	21,018	.....	.....
		5 to 15 Years.		
361,668	44.48	17,369	.....	$70,202,000
507,822	49.89	20,253	$1,057,000	74,976,000
416,654	35.09	23,306	1,368,000	84,689,000
397,842	30.34	24,817	1,531,000	95,700,000
526,625	38.56	27,055	1,729,800	114,759,500
705,116	41.53	28,971	1,786,400	.....
668,262	36.02	31,936	1,810,000	(1)97,000,000
611,818	35.45	34,676	.....	.....
		5 to 17 Years.		
689,022	35.40	38,084	2,227,620	212,407,505
707,445	33.71	41,029	2,367,000	264,000,000
867,755	38.12	46,238	2,505,500	269,105,141
732,324	29.41	53,210	2,585,000	260,576,978
989,259	37.62	55,899	2,711,000	254,702,960
876,489	32.37	62,105	3,047,303	244,477,360
809,133	28.74	58,492	3,073,000	217,487,074
827,324	28.44	55,115	3,137,000	253,545,476
735,435	24.98	55,880	3,137,000	222,336,400
791,175	25.66	58,061	3,137,000	201,992,152
797,452	25.25	63,029	3,137,000	201,763,762
840,367	25.80	69,000	3,137,000	223,509,560
815,778	25.37	74,079	3,189,000	230,386,325
843,297	26.93	78,246	3,184,575	230,151,009
926,662	30.69	59,517	3,230,598	251,746,111
916,644	28.99	60,642	4,772,180	273,389,616
983,014	31.35	61,144	4,757,724	306,041,440
1,053,610	33.12	62,456	4,798,427	301,444,140
1,098,839	33.88	63,933	4,932,754	311,566,079
1,134,757	34.59	65,317	5,019,317	346,224,706
989,009	30.05	68,390	5,063,364	342,644,179
1,043,067	26.09	70,006	5,140,258	325,108,898
1,086,571	32.42	71,822	5,284,000	327,805,147
1,222,941	36.52	74,840	5,354,859	330,401,154
1,319,829	37.58	76,336	5,474,739	351,784,094
1,507,163	40.92	75,292	5,514,200	405,111,615
1,274,696	36.41	78,554	5,514,200	410,155,304
1,152,631	30.27	82,173	5,207,600	413,417,241
1,316,170	36.88	82,391	5,334,000	413,338,420
1,322,585	35.67	91,386	5,649,651	420,555,541
1,398,296	37.09	97,353	5,702,001	564,070,301
1,403,349	34.29	98,127	5,800,000	583,056,457
1,498,275	35.78	101,836	6,984,000	524,392,047
1,325,433	44.28	77,367	6,207,010	375,932,477
1,934,355	57.01	87,696	6,379,000	429,632,843
1,701,236	47.86	88,058	7,206,573	454,334,160
3,307,948	89.98	74,729	8,733,285	492,867,374
3,137,825	83.18	abolished	10,161,492	545,057,591
3,744,073	92.54		12,536,929	605,488,153
$55,302,663				

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REPORT OF THE BOARD OF EXAMINATION.

The Board of Examination is composed of: Superintendent Alfred Roncovieri, Chairman; Deputy Superintendent W. B. Howard, Secretary; Deputy Superintendent T. L. Heaton, Deputy Superintendent A. J. Cloud, Deputy Superintendent R. H. Webster.

The Board of Examination has conducted two examinations (October 1911 and May 1912), according to law, of persons desirous of securing certificates. It has met monthly and forwarded its recommendation to the Board of Education.

Herewith is a resume of its work:

CERTIFICATES GRANTED ON CREDENTIALS.

HIGH SCHOOL.	
Men	12
Women	20
	32
GRAMMAR.	
Men	3
Women	104
	107
SPECIALS.	
Men	5
Women	28
	33
RENEWALS.	
Men	4
Women	32
	36

ON EXAMINATION.

GRAMMAR.	
Men	0
Women	0
	0
REJECTED.	
Men	12
Women	46
	58
SPECIALS.	
Men	5
Women	24
	29
Number of Certificates issued	201
Number of Certificates renewed	36
Number of Applicants rejected	58
Amount fees collected of applicants, including renewals	590

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RECOMMENDATIONS MADE BY THE SUPERINTENDENT OF SCHOOLS SINCE JULY, 1906.

July, 1906—

First. That in the interests of economy the Honorable Board of Supervisors include in its annual advertisement calling for bids on gas and water; the requirements of the Board of Education in these commodities.

Second. That a liberal appropriation not less than $8,000 be allowed for the purchase of supplementary and reference books.

Section 1714 of the Political Code refers to the expenditure of moneys for supplementary and reference books. Owing to the destruction of thirty school buildings during the conflagration of April, 1906, all the libraries contained therein were destroyed and therefore the appropriation asked for supplementary and reference books is considered moderate by the Board of Education and the Superintendent of Schools.

Third. That an appropriation be made of $12,000 for the purchase of charts, globes, typewriters, organs, pianos, and maps for use of the primary day and evening classes in accordance with Section 1617, Third Sub-division of the Political Code of the State of California.

Fourth. That ungraded classes in these schools: Adams, Fremont, Franklin, Hamilton, Hancock, Lincoln, Mission, Washington, Richmond, and Emerson, be maintained and that additional ungraded classes be established wherever there is sufficient demand.

Fifth. That an appropriation of not less than $2,500 be made for decoration and adornment of classrooms and school grounds; also, pictures, engravings, plaster reproductions, etc.

Sixth. Equipment of playgrounds to be provided for in a bond issue.

May, 1908—

To have Supervisors appropriate a sufficient sum of money to enable the Board of Education to pay entire (not 50% as now) pensions of retired teachers.

March, 1909—

That medical inspection of school children be extended and improved.

That streets in front of school houses be bituminized.

July, 1909—

That departmental teaching be extended.

That evening schools and their work be advertised.

That a Parental School equipped with dormitories, shops and other things necessary for a detention or reformatory home be established on twenty acres of land.

August, 1909—

Recommending that supplementary books be purchased by the Board of Education and giving a list of such books.

November, 17—

That experience gained outside of the city be allowed in fixing salaries of teachers.

November 29, 1909—

That the Board of Education enter into contract with prominent steam boiler inspection and insurance companies, for the regular inspection of these boilers and the insurance of the same.

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May 24, 1910—

That the name of the Newton J. Tharp Commercial School be changed to the "Commercial High School" and that the Superintendent of Schools and the Principal of the Commercial High School be and are hereby requested to prepare and submit for the consideration of this Board, a one-year's Course of Study, a two years' Course of Study and a four years' Course of Study.

July, 1909—

To extend and improve the subject of Manual and Industrial Training based on observations while on an European tour of inspection.

1911—

That Sanitary Drinking Facilities be supplied in all schools.

That Typewriting be introduced into the Hamilton Grammar School.

That elective system of Courses of Study be extended in the San Francisco High Schools, with proper safeguards and with a grouping around certain fundamental studies.

That greater care should be used in our high schools to watch the progress of individual students and for maintaining a closer personal contact with them.

That we should work toward the six-year high school plan.

That arrangements be made with the San Francisco Normal School by which we could gain the services of cadet teachers.

That the civil service rules be amended and a filing of a protest against their violation.

That a Burbank Agricultural High School be established.

That the number of school gardens be increased and school premises be beautified with flowers, etc.

That the Board of Education set aside $12,270 for supplementary books.

At the suggestion of the Superintendent of Schools, a bill was introduced at the last session of the Legislature by Assemblyman James J. Ryan and enacted into law.

I regret to state that a majority of the Board of Education instead of observing this necessary and beneficent law in its full intent, requested the opinion of the City and County Attorney concerning the necessity on their part of obeying it. That official declared that in his opinion it is unconstitutional in so far as it relates to San Francisco.

1912—

That credit be given in high schools for work along the lines of school activities and music.

March 20, 1912—

That the Courses of Study used in the high schools be remodeled and brought to date and the same be printed, and that at least one course of four years' duration leading to a department in the University be introduced into the Commercial School so that that school be included under law in the apportionment of State High School money.

I regret that failure to so modify the course of study has resulted in a loss of State funds to the school revenue of this city and county of $8,000.00.

That public school swimming baths be constructed on the school property at Pine and Larkin Streets.

That Vacation Schools be established.

That only experienced teachers be employed as substitutes.

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REPORT OF THE PUBLIC SCHOOL TEACHERS' ANNUITY AND RETIREMENT FUND COMMISSIONERS.

San Francisco, June 30, 1912.

To the Honorable Board of Supervisors,
in and for the City and County of San Francisco.

Gentlemen:—I have the honor to submit herewith the report on the Public School Teachers' Annuity and Retirement Fund for the fiscal year terminating June 30, 1912.

ALFRED RONCOVIERI,

Superintendent of Schools and Secretary Public School Teachers' Retirement Fund Commissioners.

RECEIPTS.

Balance in Fund July 1, 1911, not deducting sinking fund for Fire Protection Bonds to replace premium paid for them	$ 4,405.13	
Contributions by teachers under provisions of Annuity Law	13,404.00	
Absence money granted by Board of Education	8,000.00	
Interest on Permanent Fund, ($50,000 invested in 44 $1,000 Bonds, S. F. Fire Protection)	2,200.00	
Interest on funds in bank	296.33	
Amount received from teachers retiring during the year	1,398.60	
Total Receipts		$24,704.06

DISBURSEMENTS.

Annuities to Retired Teachers.

1911—		
October 1	$ 5,088.25	
1912—		
January 1	5,176.25	
April 1	5,301.25	
July 1	5,284.35	
Total	$20,850.10	
Clerical services	120.00	
Postage	5.00	
Sinking Fund ($142.86 semi-annually commencing July, 1909) to pay premium paid on Fire Protection Bonds ($44,000 par)	990.02	
Total Disbursements		$21,965.12
Balance June 30, 1912, E. & O. E.		$ 2,738.94

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LIST OF ANNUITIES.

Limited revenue admits the payment of but fifty per cent (50%) of these annuities.

Date of Retirement.	Name.	Maximum or Fraction Thereof.	Annuity Per Month.	Annuity Per Quarter.
1895.				
Nov. 27,	Mrs. L. T. Hopkins	Max.	$50.00	$150.00
1896.				
Jan. 22,	Mrs. M. H. Currier	Max	50.00	150.00
April 24,	Miss V. M. Raclet	9/10	45.00	135.00
1897.				
Sept. 11,	Miss M. Solomon	Max.	50.00	150.00
Dec. 8,	Miss F. L. Soule	Max.	50.00	150.00
1898.				
Sept. 14,	Miss Kate Kollmyer	8/15	26.66⅔	80.00
1900.				
July 18,	Mrs. A. Griffith	Max.	50.00	150.00
July 25,	Miss K. F. McColgan	Max.	50.00	150.00
Aug. 1,	Miss L. M. Barrows	13/15	43.33⅓	130.00
Aug. 1,	Miss Annie A. Hill	Max.	50.00	150.00
Oct. 15,	Miss M. J. Canham	14/15	46.66⅔	140.00
1901.				
July 20,	Miss J. B. Gorman	Max.	50.00	150.00
Oct. 4,	Miss E. Murphy	9/10	45.00	135.00
1902.				
Jan. 2,	Miss R. B. Campbell	Max.	50.00	150.00
Jan. 2,	Miss L. S. Templeton	Max.	50.00	150.00
Jan. 2,	Mr. A. T. Winn	Max.	50.00	150.00
Sept. 28,	Miss Emma J. Miller	11/15	36.66⅔	110.00
1903.				
Feb. 17,	Mrs. B. A. Chinn	Max	50.00	150.00
Feb. 17,	Miss Lydia Hart	11/15	36.66⅔	110.00
Feb. 17,	Miss Christine Hart	Max.	50.00	150.00
Aug. 1,	Mr. T. B. White	Max.	50.00	150.00
Sept. 1,	Miss A. E. Slaven	Max.	50.00	150.00
Oct. 15,	Miss L. Burnham	¾	37.50	112.50
1904.				
Aug. 1,	Mr. Elisha Brooks	Max.	50.00	150.00
Aug. 1,	Miss I. Patterson	Max.	50.00	150.00
Sept. 1,	Mrs. E. M. Whitcomb	Max.	50.00	150.00
1905.				
Jan. 16,	Miss E. G. Grant	Max.	50.00	150.00
March 1,	Miss M. A. Smith	⅔	33.33⅓	100.00
March 1,	Miss Jean Parker	Max.	50.00	150.00
March 1,	Mrs. T. C. Nicholl	Max.	50.00	150.00
March 1,	Mr. Charles Ham	Max.	50.00	150.00
March 1,	Miss R. Jacobs	Max.	50.00	150.00
March 1,	Mr. D. Lambert	Max. (Even)	25.00	75.00
1906.				
Feb. 1,	Miss M. E. Carson	Max.	50.00	150.00
Feb. 1,	Mrs. A. C. Taylor	Max.	50.00	150.00
Aug. 1,	Miss E. R. Elder	Max.	50.00	150.00
Oct. 1,	Miss H. E. Whirlow	Max.	50.00	150.00
Dec. 1,	Mrs. V. Troyer	Max.	50.00	150.00
1907.				
April 1,	Miss Madge Sprott	½ (Even)	25.00	75.00
April 1,	Miss A. D. Miley	14/15	46.66⅔	140.00
April 1,	Miss Q. O. McConnell	Max.	50.00	150.00
April 1,	Prof. A. Herbst	Max.	50.00	150.00
July 1,	Mr. C. W. Moores	Max.	50.00	150.00
Sept. 1,	Miss V. E. Bradbury	Max.	50.00	150.00
Sept. 1,	Miss Martha Stone	Max.	50.00	150.00
Sept. 1,	Miss N. C. Stallman	Max.	50.00	150.00
Sept. 1,	Mr. W. H. Edwards	Max.	50.00	150.00

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1908.					
Jan.	1,	Miss R. V. Claiborne	⅔	33.33⅓	100.00
Feb.	1,	Mrs. M. E. Michener	Max.	50.00	150.00
Feb.	15,	Mrs. F. A. Banning	Max.	50.00	150.00
March	1,	Miss Rose Fay	11/15	36.66⅔	110.00
May	1,	Miss Julia A. Danks	Max.	50.00	150.00
July	1,	Miss Laura T. Fowler	Max.	50.00	150.00
Sept.	1,	Miss Ruby A. Jewell	Max.	50.00	150.00
Sept.	1,	Miss Regina Hertz	4/5	40.00	120.00
1909.					
Jan.	1,	Miss A. T. Campbell	Max.	50.00	150.00
Jan.	1,	Mrs. Mary J. Mayborn	Max.	50.00	150.00
Jan.	1,	Miss C. M. Johnston	Max.	50.00	150.00
Aug.	1,	Mrs. N. Seabrook	7/10	35.00	105.00
Aug.	1.	Miss Rose E. Morgan	Max.	50.00	150.00
Aug.	1,	Miss Jessie I. King	Max.	50.00	150.00
1910.					
Jan.	1,	Paul A. Garin	Max.	50.00	150.00
Jan.	1,	Miss E. R. Pettigrew	3/5	30.00	90.00
Jan.	10,	Miss Anne B. Campbell	Max.	50.00	150.00
July	1,	Miss E. S. Heney	Max.	50.00	150.00
Aug.	1,	Mrs. R. H. Hazelton	Max.	50.00	150.00
1911.					
July	1,	Miss Emily M. Goggin	29/30	48.33⅓	145.00
July	1,	Miss Caroline L. Hunt	Max.	50.00	150.00
July	1,	Miss E. A. Sutherland	18/30	30.00	90.00
Sept.	1,	Mrs. Kate Waters	Max.	50.00	150.00
Nov.	1,	Mr, Jas. T. Hamilton	Max.	50.00	150.00
1912.					
Jan.	2,	Miss K. B. Childs	Max.	50.00	150.00
March	1,	Miss Bertha Goldsmith	Max.	50.00	150.00
April	1,	Mrs. Katherine Turney	2/3	33.33⅓	100.00

THE SAN FRANCISCO TEACHERS' INSTITUTE OF 1912.

The regular annual institute of the teachers of the San Francisco Department, in accordance with State law, was called at the Alcazar Theatre on the days of Monday, Tuesday and Wednesday, of May 27, 28 and 29, of 1912. Superintendent Alfred Roncovieri presided.

A varied and interesting program of addresses and musical numbers was presented. Among those whose lectures were greatly appreciated for the educational messages delivered were: Hon. Samuel Shortridge, Professor Lee Emerson Bassett, Dr. Richard Gause Boone and Dr. Benjamin Ide Wheeler. The afternoons were devoted to wonderfully instructive and entertaining illustrated lectures by Mr. B. R. Baumgardt.

At the close of Wednesday's session, Mr. Selden Sturges, Principal of the Everett Grammar School, moved the adoption of the following set of resolutions, which motion, being put to a vote, was unanimously adopted:

"Resolved, That, the hearty thanks of the teaching body of San Francisco be tendered to Superintendent Roncovieri as a token of our deep appreciation of his earnest efforts in having prepared and carried out this splendid program to a most successful termination."

The program is herewith reproduced in full:

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TEACHERS' COMPETITIVE EXAMINATION, CITY AND COUNTY OF SAN FRANCISCO.

The competitive examination for 1912 was held at the San Francisco Commercial School building, on Grove Street, just west of Larkin Street, beginning Saturday, June 8, 1912, at 9 a. m.

QUALIFICATIONS OF CANDIDATES.

The applicant must be the holder of a teacher's certificate of a grade not lower than the grammar grade valid under the laws of the State of California.

The candidate must not be over thirty-five years of age.

Applicants must possess high personal character, liberal education and perfectly sound bodily health and vigor.

No married woman, unless her husband be totally incapacitated because of illness or infirmity, need apply, or any teacher who may not be in a position to accept an appointment to the substitute list whenever such appointment may be made during the year.

SCOPE OF THE EXAMINATION.

Examinations will be given to test the qualifications of the candidates as follows:

1. Ability to speak and write correct, forceful English.
2. United States history and current American institutions.
3. Arithmetic.
4. Methods of teaching and school management.

(Notice is hereby given that the examinations to be held after June, 1912, in addition to the subjects named above, will include elementary biology, hygiene and physics.)

In the determination of the qualifications of applicants due credit will be allowed for successful experience in teaching, graduation from State Normal Schools, and academic training in institutions of collegiate grade.

SAN FRANCISCO TEACHERS' EXAMINATION JUNE 10, 1912.

AMERICAN HISTORY AND INSTITUTIONS.

1. What parts of American History should be taught, and during what years, to children before the Seventh Grade?
2. What purposes would you have in mind in teaching the "Revolution Period" to a Seventh Grade class? and how would you use the material?
3. Name 10 characters in American history a study of whose lives and public services would give a fairly connected view of the Nation since 1750.
4. Give your reasons for and against teaching Grammar Grade pupils both sides of the Civil War struggle, fairly.
5. Among "current" happenings since June, 1911, in political, industrial, religious and cultural interests, what do you consider suitable for instruction in the Grammar Grades?
6. Had the Panama Canal been built by private enterprise, would it have been a fact of "history" as much as when built by the Government? Why?

Answer the first, third and fifth questions, and two of the other three.

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SCHOOL METHODS AND MANAGEMENT.

(Write legibly and make your answers concise.)

(Answer two out of the first four, and five others.)

1. (a) It is often urged that we should teach reading, history, geography and civics in close relation, making each serve the purpose of all. Is this a good plan or should we keep the subjects of the curriculum separate? Explain.

(b) Is it better teach geography by topics or by countries? Give reasons for your answer.

2. Which is better; to keep the class upon a topic (e. g. alcohol, the Revoluntionary War, interest, etc.) until they have mastered it, or to return to the topic at different times and from different points of view? Explain.

3. In the teaching of U. S. history what would be the relative emphasis placed on (1) industrial development, and (2) political and military events? Why?

4. (a) Mention some general principles which ought to govern the selection of topics for nature study.

(b) With what subjects is nature study readily correlated?

5. (a) What should be done with the dull pupil who is over-age for his grade but has not done his year's work satisfactorily?

(b) State some important facts and list some important questions relating to the general problem of retardation.

6. Name as many recent books as you can bearing on the pedagogy of the following subjects: reading, writing, spelling, nature study, arithmetic.

7. (a) State as specifically as possible what you would do to improve the spelling of children who continually miss even the simplest words.

(b) In the teaching of spelling what objection or objections could be raised to the use of such words as the following taken from the State Series Speller? Fillet, timorous, frieze, fuchsia, epaulet, aconite, lapidary.

8. (a) What is the proper temperature for a classroom?

(b) What special considerations should govern the seating of pupils in the classroom?

(c) What are some specific effects of Open Air schools upon pupils?

(d) Will you require home study? If any, how much and in what studies?

9. (a) What is the best method of preventing disorder?

(b) To what extent, if at all, would you permit one pupil to help another with his lessons?

(c) Is it better to punish rarely and severely. or to punish less severely but to exercise great care in calling to account for every offense? Explain briefly.

10. Define or explain each of the following terms: experimental pedagogy, adolescence, school clinic, vocational guidance, Binet mental Tests, social center activities, ungraded class, Batavia teacher, inductive method.

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ARITHETIC—FIRST 6 YEARS.

1. Write out in full all the possible combinations of change one can make for a quarter of a dollar. With what age of children could such problem be used?

2. What common fractional forms (specify) can be taught to children profitably, during the first 3 years? Why should these be taught? Why not others?

3. A newsboy buys nickle papers, three for a dime; how many papers must he sell to clear $1.00? What preparatory teaching would you want to do before giving this problem to a class of Fourth Graders?

4. How early can decimal fractions be taught profitably? Is the notion, one tenth, more difficult than one-fifth? Why?

5. In "reduction of fractions" you accustom the pupil to see the given fraction in two or more forms having the same value: as 1·2=2·4=5·10=7·14, etc. What use do you make of this principle in working with integers, as in addition or subtraction?

Answer all five questions.

ARITHMETIC, JUNE 10, 1912.

(Write legibly. Answer ten.)

1. A man bought a lot for $1,500 and built a house on it costing $3,000. He rented his property for $300 a year. Taxes, repairs and insurance cost him $74.00 a year. What per cent does make on his investment?

2. There are 48 pupils and a teacher in a room 36 ft. long, 30 ft. wide and 14 ft. high. If fresh air is introduced at the rate of 30 cu. ft. per person per minute how often is the air of the entire room renewed?

3. If a city raises $13,093.75 from a ¼% tax, what is the assessed valuation of the property in the city?

4. The diameter of a circular tank is 8 feet. How high must it be to contain 15,000 gallons?

5. (a) $48.225 \div 15 = ?$

(b) $\frac{.124}{132} = ?$

6. The sum of two numbers is 10, and the sum of their squares is 52. Find the numbers by algebra.

7. What arithmetical knowledge should children entering the seventh grade possess? Answer fully.

8. In seventh and eighth grade arithmetic which is better: to teach the short cuts and abbreviated forms of solution used by accountants and business men, or to require the pupil to make a detailed analysis of his solution by formally setting forth each step in the process? Give reason.

9. If a pupil in the seventh grade is excellent in all his studies save arithmetic, but fails in that branch, should he be promoted? Give reason for your answer.

10. What are some of the newer trends in the teaching of seventh and eighth grade arithmetic as regards:

(a) The subject matter covered,

(b) The nature of the problems used in the teaching of a given topic.

11. Does the reasoning ability which is gained through the study of arithmetic enable the pupil to reason better in matters pertaining to history, geography, etc? Defend your answer.

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FREE PUBLIC LECTURES FOR ADULTS.

The system of free public lectures for school pupils and adults instituted 1910, has completed its second year.

Over two hundred lectures were delivered in the auditoria of our public schools during the year ending June 30, 1912. M. E. Blanchard, Ph. D. of the Mission High School, and G. O. Mitchell, A. B., of the Girls' High School, respectively Secretary and Director of the Lecture Bureau, arranged interesting and instructive programmes as the following schedules demonstrate.

DEPARTMENT OF EDUCATION, ANNOUNCEMENT OF FREE PUBLIC LECTURES FOR ADULTS (ILLUSTRATED—USUALLY WITH STEREOPTICON.)

SCHEDULE FOR AUGUST, 1911.

Wednesday, August 2.—Yerba Buena School, Greenwich, near Webster; Homes Without Hand, Herbert L. Coggins.

Friday, August 4.—Mission High School, Dolores and Eighteenth; Continental Europe, J. Emmet Hayden.

Tuesday, August 8.—Hancock School, Filbert, near Taylor, Tuberculosis (in Italian), Salvatori Schiro, M. D.

Thursday, August 10.—Monroe School, Excelsior Ave. and London, Java, the Gem of the East Indies, Alexander Russell.

Friday, August 11.—Girls' High School, O'Farrell and Scott, Robert Louis Stevenson in the South Seas, Mrs. Lloyd Osbourne.

Monday, August 14.—Mission Grammar School, Mission, bet. 15th and 16th; Athletics in Education, Eustace M. Peixotto.

Tuesday, August 15.—Portola School, Bacon and Girard; Our Animals, Matthew McCurrie.

Thursday, August 17.—Madison School, Clay, near Cherry; The Yosemite National Park, Chas. W. Reed.

Friday, August 18.—Crocker School, Page, near Broderick; Maeterlinck's Bluebird, Edw. J. Dupuy.

Monday, August 21.—Sutro School, 13th Ave., bet. Clement and Cal.; The Open Air Life, Wm. C. Voorsanger, M. D.

Tuesday, August 22.—Junipero Serra School, Holly Park, near Highland Ave.; Snapshots in the Orient, W. G. Hartranft.

Wednesday, August 23.—Garfield School, Filbert and Kearny; Newcomers to America, Martin A. Meyer.

Thursday, August 24.—Frank McCoppin School, Seventh Ave., bet. Balboa and Cabrillo; Electro-Magnetism, A. L. Jordan.

Friday, August 25.—Bryant School, York, near Twenty-second; Experiences in India, Harris Weinstock.

Monday, August 28.—Girls' High School, O'Farrell and Scott; The Cornet, Trumpet, and Trombone, Wm. J. McCoy, W. Mahood and A. Roncovieri.

Wednesday, August 30.—Mission High School, Dolores and Eighteenth; Sioux and the Yellowstone, Mr. and Mrs. Edw. H. Kemp.

Thursday, August 31.—Laguna Honda School, Seventh Ave., bet. Irving and Judah; The Land of the Rising Sun, Henry Payot.

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SCHEDULE FOR SEPTEMBER, 1911.

Tuesday, September 5.—Madison School, Clay, near Cherry; The Relation of Pure Milk to Public Health, E. C. Fleischner, M. D.

Wednesday, September 6.—Adams Cosmopolitan School, Eddy, near Van Ness; Au Pays du Soleil Levant (in French), Henry Payot.

Wednesday, September 6.—Garfield School, Filbert and Kearny, L'Italia, il bel Paese (in Italian), Arturo Spozio.

Thursday, September 7.—Monroe School, Excelsior Ave. and London; Seven Vacation Walking Trips of the Columbia Park Boys' Club, Sidney S. Peixotto.

Friday, September 8.—Mission High School, Dolores and 18th Sts.;Fur Seals of Bering Sea, G. A. Clark.

Monday, September 11.—Mission Grammar School, Mission St., bet. 15th and 16th Sts.; Java, the Pearl of the East Indies, Alexander Russell.

Tuesday, September 12.—Junipero Serra School, Holly Park, near Highland Ave.; A Trip to Yosemite, Chas. Wesley Reed.

Tuesday, September 12.—Bryant School, York, near 22nd St.; Newcomers to America, Martin A. Meyer.

Wednesday, September 13.—Portola School, Bacon and Girard; Continental Europe, J. Emmet Hayden.

Thursday, September 14.—Frank McCoppin School, 7th, bet. Balboa and Cabrillo; Robert Louis Stevenson in the South Seas, Mrs. Lloyd Osbourne.

Friday, September 15.—Adams Cosmopolitan School, Eddy, near Van Ness; Die Wichtigkeit der Deutschen Sprache in Amerika (in German), Albin Putzker.

Monday, September 18.—Girls' High School, O'Farrell, near Scott; The Cradle of the Renaissance, Henry Payot.

Tuesday, September 19.—Crocker School, Page, near Broderick; Winters in Egypt, Clarence Reed.

Wednesday, September 20.—Yerba Buena School, Greenwich, near Webster; Snapshots in the Orient, W. G. Hartranft.

Wednesday, September 20.—Madison School, Clay, near Cherry; Outline of the Development of Music, Albert Elkus.

Thursday, September 21.—Hancock School, Filbert, near Taylor; Glimpses of China and Corea, Roswell S. Wheeler.

Friday, September 22.—Mission High School, Dolores and 18th Sts.; Young Australia and its Aims, J. J. Simons.

Monday, September 25.—Jean Parker School, Broadway, near Mason; A Summer in Mexico, Mrs. Mary Dickson.

Wednesday, September 27.—Sutro School, 13th Ave., bet. Clement and California; Electric Lights, A. L. Jordan.

Thursday, September 28.—Laguna Honda School, 7th Ave., bet. Irving and Judah; A Run Through Russia, Harris Weinstock.

Friday, September 29.—Mission High School, Dolores and 18th; Reminiscences of an Army Chaplain, Joseph M. Gleason.

SCHEDULE FOR OCTOBER, 1911.

Monday, October 9.—Yerba Buena School, Greenwich, near Webster; The Story of San Francisco, Mrs. Ella M. Sexton.

Wednesday, October 11.—Madison School, Clay, near Cherry; Recent Excavations in Palestine, Edward A. Wicher.

Thursday, October 12.—Jean Parker School, Broadway, near Powell; Shanghai and its Vicinity, John Fryer.

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Friday, October 13.—James Lick School, Noe and Twenty-fifth; The Land of the Castanet, Henry Payot.

Monday, October 16.—Monroe School, Excelsior Ave. and London; The Pioneer Mother and Her Times, Mrs. Ella S. Mighels.

Tuesday, October 17.—Portola School, Bacon and Girard; Newcomers to America, Martin A. Meyer.

Wednesday, October 18.—Adams Cosmopolitan School, Eddy, near Van Ness; The Sonata: its Form and Meaning, Albert Elkus.

Wednesday, October 18.—Garfield School, Filbert and Kearny; Scenes in the South Seas, Almon E. Roth.

Friday, October 20.—Mission High School, Dolores and Eighteenth; San Francisco's Water Supply, Hermann Schussler.

Monday, October 23.—Crocker School, Page, near Broderick; The Greatest Discovery is Electricity, A. L. Jordan.

Tuesday, October 24.—Bryant School, Bryant, near Twenty-second; Our Southwest, the Land of Little Rain, Mrs. Mary Dickson.

Wednesday, October 25.—Frank McCoppin School, 7th Ave., bet. Balboa and Cabrillo; The Open-Air Life, W. C. Voorsanger, M. D.

Thursday, October 26.—Laguna Honda School, 7th Ave., bet. Irving and Judah; Shakespeare's Romeo and Juliet, John D. Barry.

Friday, October 27.—Adams Cosmopolitan School, Eddy, near Van Ness; Hugo's Hernani and the Literary Revolution, Edward J. Dupuy and Mlle. Blanche Levielle.

Friday, October 27.—Mission Grammar School, Mission, bet. 15th and 16th; The Fur Seals of Behring Sea, G. A. Clark.

Monday, October 30.—Sutro School, 13th Ave., bet. Clement and California; Folk-Lore, Folk-Dance and Ballad, Mrs. Fred W. Stowell.

Tuesday, October 31.—Hancock School, Filbert, near Taylor; Scenes in Three Continents, W. G. Hartranft.

SCHEDULE FOR NOVEMBER, 1911.

Wednesday, November 1.—Monroe School, Excelsior Ave. and London; The Pioneer Mother and Her Times, Mrs. Ella S. Mighels.

Thursday, November 2.—Garfield School, Filbert and Kearny; Continental Europe, J. Emmet Hayden.

Friday, November 3.—Mission Grammar School, Mission St., bet. 15th and 16th; Florence, the Cradle of the Renaissance, Henry Payot.

Monday, November 6.—Yerba Buena School, Greenwich, near Webster; The Lessons of the Southeast Wind, Marsden Manson.

Wednesday, November 8.—Adams Cosmopolitan School, Eddy, near Van Ness; Methods and Aims in Studying Languages, Albin Putzker.

Thursday, November 9.—Mission High School, Dolores and Eighteenth Sts.; Conquest of the Far North, Lincoln Wirt.

Friday, November 10.—Jean Parker School, Broadway, near Powell; Modern Subways and the Rapid Transit Problem, Sherman A. Jubb.

Monday, November 13.—Hancock School, Filbert, near Taylor; San Francisco in Early Days, Chas. B. Turrill.

Tuesday, November 14.—Bryant School, Bryant, near Twenty-second; The Child in the Home, Miss Lillian McCarthy, Dr. E. C. Fleischner.

Wednesday, November 15.—Frank McCoppin School, 7th Ave., bet. Balboa and Cabrillo; Ups and Downs of the Santa Cruz Coast, R. S. Holway.

Wednesday, November 15.—Madison School, Clay, near Cherry; A Run Through Russia, Harris Weinstock.

Thursday, November 16.—Mission High School, Eighteenth and Dolores; Ishi, the Last of the Deer Creeks, A. L. Kroeber.

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Friday, November 17.—Denman School, Hayes and Pierce; Rostand's "Distant Princess," Edward J. Dupuy.

Monday, November 20.—Crocker School, Page, near Broderick; Recent Excavations in Palestine, Edward A. Wicher.,

Wednesday, November 22.—Sutro School, 13th Ave., bet. Clement and California; Newcomers to America, Martin A. Meyer.

Wednesday, November 22.—Jean Parker School, Broadway, near Powell; Development of the Opera, Albert Elkus.

Thursday, November 23.—Laguna Honda School, 7th Ave., bet. Irving and Judah; Dress and Ornamentation of Primitive Peoples, T. T. Waterman.

Friday, November 24.—Burnett School, 14th Ave. So. and L St.; Fur Seals of Behring Sea, G. A. Clark.

Friday, November 24.—Adams School, Eddy, near Van Ness; From Waterfall to Street-car, A. L. Jordan.

Monday, November 27.—James Lick School, Noe and 25th Sts.; The Open-Air Life, Dr. W. C. Voorsanger.

Tuesday, November 28.—George Peabody School, 7th Ave., bet. Clement and California; Shakespeare's "Hamlet," John D. Barry.

SCHEDULE FOR DECEMBER, 1911.

Monday, December 4.—Crocker School, Page, near Broderick; Glimpses of Korea, Peking and the Yang-tse, Roswell S. Wheeler.

Tuesday, December 5.—George Peabody School, 7th Ave., bet. Clement and California; Paris, Queen of Beauty, Culture, and Pleasure, Henry Payot.

Wednesday, December 6.—Mission High School, Eighteenth and Dolores; Crossing the Plains Fifty Years Ago, C. W. Childs.

Thursday, December 7.—Adams Cosmopolitan School, Eddy, near Van Ness; A Trip to Palestine, Harris Weinstock.

Friday, December 8.—Yerba Buena School, Greenwich, near Webster; Napa County: Scenery, Resources, and Industries, Chas. B. Turrill.

Monday, December 11.—Girls' High School, Hamilton Square; Algeria, illustrating the Garden of Allah, I. H. Morse.

Tuesday, December 12.—Jas. Lick School, Noe and Twenty-fifth; Scientific Prevention of Accidents, Carl M. Hansen.

Tuesday, December 12.—Bryant School, Bryant, near Twenty-second; Three Trips to the Top of Mt. Shasta, R. S. Holway.

Wednesday, December 13.—Mission Grammar School, Mission, bet. 15th and 16th; In and About Jerusalem, Martin A. Meyer.

Thursday, December 14.—Frank McCoppin School, 7th Ave., bet. Balboa and Cabrillo; Houses and Homes in European and American Cities, Wm. S. Morgan.

Friday, December 15.—Denman School, Hayes and Pierce; History of Music: 1. Period of Foundations, Albert Elkus.

Friday, December 15.—Madison School, Clay, near Cherry; Social Life on the French Stage, 1850-1875, Edward J. Dupuy.

SCHEDULE FOR JANUARY, 1912.

Friday, January 5.—Girls' High School, Hamilton Square; French Wit in French Comedy, 1850-1890, Edward J. Dupuy.

Monday, January 8.—Portola School, Bacon and Girard; Scientific Prevention of Accidents, Carl M. Hansen.

Tuesday, January 9.—Garfield School, Kearny and Filbert; Napa County: Scenery, Resources, and Industries, Chas. B. Turrill.

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Wednesday, January 10.—Madison School, Clay, near Cherry; Oriental Rugs, Genuine and "Faked," Thos. H. Kullujian.

Thursday, January 11.—Mission High School, Eighteenth and Dolores; Our Southwest, the Land of Little Rain, Mrs. Mary Dickson.

Friday, January 12.—Junipero Serra School, Holly Park and Highland Ave.; Tuberculosis vs. Open-Air Life, Dr. W. C. Voorsanger.

Monday, January 15.—Crocker School, Page, near Broderick; Washington, the Nation's Capital, Robert P. Troy.

Tuesday, January 16.—Monroe School, London and Excelsior Ave.; Scenes in Three Continents, W. G. Hartranft.

Wednesday, January 17.—Girls' High School, Hamilton Square; Turrets, Towers and Spires, Henry Payot.

Thursday, January 18.—Frank McCoppin School, 7th Ave., bet. Balboa and Cabrillo; Romance of Early California History, Frank H. Powers.

Friday, January 19.—Jean Parker School, Broadway, near Mason; Occupational and Social Diseases (in Italian), Dr. Salvatore Schiro.

Friday, January 19.—Adams School, Eddy, near Van Ness; The Spell of Italy, Frank S. Brush.

Monday, January 22.—Girls' High School, Hamilton Square; Travels in India, I. H. Morse.

Tuesday, January 23.—George Peabody School, 7th Ave., bet. Clement & California; Java, the Gem of the East Indies, Alexander Russell.

Wednesday, January 24.—Mission High School, Eighteenth and Dolores; Country Life in Modern Greece, Oliver M. Washburn.

Thursday, January 25.—Laguna Honda School, 7th Ave., bet. Irving and Judah; Three Trails up Mt. Shasta, R. S. Holway.

Friday, January 26.—Bryant School, Bryant, near Twenty-second; The Fur Seals of Behring Sea, George A. Clark.

Monday, January 29.—Adams School, Eddy, near Van Ness; Shakespeare's "Merchant of Venice," John D. Barry.

Tuesday, January 30.—Burnett School, 14th Ave. South and L St.; Glimpses of Korea, Peking and the Yang-tse, R. S. Wheeler.

Wednesday, January 31.—Mission Grammar School, Mission, near Sixteenth; History of Music: 2. Classical Period, Albert Elkus.

SCHEDULE FOR FEBRURARY, 1912.

Thursday, February 1.—Sutro School, 13th Ave., bet. Clement and California; The Physical Observation of Children, Dr. Ernest B. Hoag.

Friday, February 2.—Portola School, Bacon and Girard; Scientific Prevention of Accidents, Carl M. Hansen.

Monday, February 5.—Yerba Buena School, Greenwich and Webster; The Yosemite National Park; Arthur H. Chamberlain.

Tuesday, February 6.—Denman School, Hayes and Pierce; Oriental Rugs, Genuine and "Faked," Thos. H. Kullujian.

Wednesday, February 7.—Mission High School, Eighteenth and Dolores; Dickens as Novelist and Man, John D. Barry.

Thursday, February 8.—Girls' High School, Hamilton Square; Opportunities in California, Fred G. Athearn.

Friday, February 9.—Grattan School, Shrader and Alma; Turrets, Towers and Spires, Henry Payot.

Monday, February 12.—James Lick School, Twenty-fifth and Noe; Scenes in China and the Far East, W. G. Hartranft.

Tuesday, February 13.—Hancock School, Filbert, near Taylor; America in the Philippines, Gilbert M. Brink.

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Wednesday, February 14.—Crocker School, Page, near Broderick; Citizenship in California; Albert H. Elliot.

Thursday, February 15.—Adams School, Eddy, near Van Ness; Across the Jordan, Martin A. Meyer.

Friday, February 16.—McKinley School, Fourteenth and Castro; Three Trails Up Mt. Shasta, Ruliff S. Holway.

Monday, February 19.—Madison School, Clay, near Cherry; What the Microscope Reveals in Our Bodies, Dr. A. A. D'Ancona.

Monday, February 19.—Monroe School, London and Excelsior Ave.; San Francisco's Place Among Cities, Percy V. Long.

Tuesday, February 20.—Jean Parker School, Broadway, near Mason; Around the World with My Kodak, Wallace Bradford.

Wednesday, February 21.—Mission Grammar School, Mission, near Sixteenth; George Washington, the Man and the Statesman, Robt. P. Troy.

Friday, February 23.—Girls' High School, Hamilton Square; The Cosmopolitan in the Modern French Theatre, Edw. J. Dupuy.

Friday, February 23.—Bryant School, Bryant, near Twenty-second; From Waterfall to Electric Car, A. L. Jordan.

Monday, February 26.—Junipero Serra School, Holly Park and Highland Ave.; San Francisco in Early Days, Chas. B. Turrill.

Tuesday, February 27.—Adams School, Eddy, near Van Ness; Open-air Life vs. Tuberculosis, Dr. Wm. C. Voorsanger.

Tuesday, February 27.—Mission High School, Eighteenth and Dolores; California, the Land of Alluring Contrasts, Francis Hope.

Wednesday, February 28.—Laguna Honda School, 7th Ave., bet. Irving and Judah; Bird Life in California, Gretchen L. Libby.

Thursday, February 29.—Geo. Peabody School, 7th Ave., bet. Clement and California; The X-Ray, Dr. G. R. Hubbell.

SCHEDULE FOR MARCH, 1912.

Friday, March 1.—Frank McCoppin School, 7th Ave., bet. Balboa and Cabrillo; Glimpses of Korea, Peking and the Yang-tse, R. S. Wheeler.

Monday, March 4.—Jean Parker School, Broadway, near Mason; Life and Works of Mario Rapisardi (in Italian), Gastone Bertini.

Tuesday, March 5.—Grattan School, Schrader and Alma; Robert Louis Stevenson in the South Seas, Mrs. Lloyd Osbourne.

Wednesday, March 6.—Hancock School, Filbert, near Taylor; America in the Philippines, Gilbert M. Brink.

Thursday, March 7.—Crocker School, Page, near Broderick; The Yosemite National Park, Arthur H. Chamberlain.

Friday, March 8.—Madison School, Clay, near Cherry; Scenes in Syria, Wallace Bradford.

Monday, March 11.—Girls' High School, Hamilton Square; Tennyson's "Enoch Arden," (Richard Strauss's Musical Setting), Mrs. Sidney Ashe and Miss Ada Clement.

Tuesday, March 12.—McKinley School, Castro and Fourteenth St.; San Francisco's Water Supply, Hermann Schussler.

Wednesday, March 13.—Yerba Buena School, Greenwich, near Webster; Shakespeare's "Merchant of Venice," John D. Barry.

Thursday, March 14.—Adams School, Eddy, near Van Ness; Rome, the Eternal City, Henry Payot.

Friday, March 15.—Burnett School, Lane St. and Newcomb Ave.; A Trip to Mexico, J. Emmet Hayden.

Monday, March 18.—Girls' High School, Hamilton Square; Maeterlinck, the Writer, Edward J. Dupuy.

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Tuesday, March 19—Sutro School, 18th Ave., bet. Clement and California; At the Edge of the Artic, Mrs. J. Dennis Arnold.

Wednesday, March 20.—Bryant School, Bryant, near Twenty-second; Open-Air Life vs. Tuberculosis, Dr. G. R. Hubbell.

Thursday, March 21.—Mission High School, Eighteenth and Dolores; Ireland in Views, John P. Tobin.

Friday, March 22.—Adams School, Eddy, near Van Ness; Radium, the Realization of the Alchemist's Dream, E. P. Lewis.

Monday, March 25.—George Peabody School, Seventh Ave., near California; The Fur Seals of Behring Sea, George A. Clark.

Tuesday, March 26.—Monroe School, Excelsior Ave. and London; A Trip through the Holy Land, Robert P. Troy.

Wednesday, March 27.—Laguna Honda School, Seventh Ave., bet. Irving and Judah; What the Microscope Reveals in Our Bodies, Dr. A. A. D'Ancona.

Wednesday, March 27.—Girls' High School, Hamilton Square; History of Music, 3: Classical Period, Albert Elkus.

Thursday, March 28.—James Lick School, Noe and Twenty-fifth St.; Across the Jordan, Martin A. Meyer.

Friday, March 29.—Mission High School, Eighteenth and Dolores; The Passion Play of Ober-Ammergau, Frank S. Brush.

SCHEDULE FOR APRIL.

Monday, April 8.—Portola School, Bacon and Girard; The Fur Seals of Behring Sea, George A. Clark.

Tuesday, April 9.—Mission High School, Eighteenth and Dolores; San Francisco in Early Days, Charles B. Turrill.

Wednesday, April 10.—Garfield School, Kearny and Filbert; Our Southwest, the Land of Little Rain, Mrs. Mary Dickson.

Thursday, April 11.—Sheridan School, Capitol Av., bet. Lobos and Farallones; Newcomers to America, Martin A. Meyer.

Friday, April 12.—Madison School, Clay, near Cherry; Glimpses of Korea, Peking and the Yang-tse, R. S. Wheeler.

Friday, April 12.—Junipero Serra School, Holly Park and Highland Ave.; The Evolution of Sierra Scenery, R. S. Holway.

Monday, April 15.—McKinley School, Fourteenth and Castro Sts.; The Recreation Movement in Large Cities, Jas. E. Rogers.

Tuesday, April 16.—Grattan School, Schrader and Alma; What the Microscope Reveals in Our Bodies, Dr. A. A. D'Ancona.

Wednesday, April 17.—Adams School, Eddy, near Van Ness; Rome: the City Beautiful, H. R. Fairclough.

Thursday, April 18.—Frank McCoppin School, 7th Ave., bet. Balboa and Cabrillo; Java, the Gem of the East Indies, Alexander Russell.

Thursday, April 18.—James Lick School, Noe and Twenty-fifth; Yellowstone Park, H. H. Bell.

Friday, April 19.—Mission Grammar School, Mission, bet. Fifteenth and Sixteenth; Alaska, Our Northern Empire, H. H. Hildreth.

Friday, April 19.—Crocker School, Page, near Broderick; Shakespeare's "Julius Cæsar," John D. Barry.

Monday, April 22.—Girls' High School, Hamilton Square; Edmond Rostand, the Writer, Edward J. Dupuy.

Tuesday, April 23.—Bryant School, Bryant, near Twenty-second; The Spell of Italy, Frank S. Brush.

Wednesday, April 24.—Laguna Honda School, Seventh Ave., bet. Irving and Judah; From the Alps to the Adriatic, Henry Payot.

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Thursday, April 25.—Adams School, Eddy, near Van Ness; The Standard French Play—Racine's Athalie (in French), E. B. Lemare.

Thursday, April 25.—Mission High School, Dolores and Eighteenth; Our Western Wonderland, Arthur H. Chamberlain.

Friday, April 26.—Visitacion Valley School, Visitacion Ave. and Schwerin St.; A Trip to Continental Europe, J. Emmet Hayden.

Monday, April 29.—Burnett School, Newcomb Ave. and Lane St.; The Open-air Life vs. Tuberculosis, Dr. G. R. Hubbell.

Tuesday, April 30.—Sutro School, 13th Ave., bet. Clement and California; Scientific Prevention of Accidents, Carl M. Hansen.

SCHEDULE FOR MAY.

Thursday, May 2.—Visitacion Valley School, Visitacion Ave. and Schwerin St.; A Trip to Continental Europe, J. Emmet Hayden.

Friday, May 3.—Spring Valley School, Jackson, bet. Hyde and Larkin; Florence, the Cradle of the Renaissance, Dr. A. H. Giannini.

Monday, May 6.—Yerba Buena School, Greenwich, near Webster; Chemistry in Everyday Life, R. R. Rogers.

Tuesday, May 7.—Girls' High School, Hamilton Square; Robert and Elizabeth Barrett Browning, John D. Barry, Mrs. Lillian Quinn Stark, Miss Helen Heath, Mrs. W. J. Batchelder.

Wednesday, May 8.—Jean Parker School, Broadway, near Mason; Giovanni Pascoli, the Poet, (in Italian), Arturo Spozio.

Thursday, May 9.—Denman Grammar School, Hayes and Pierce; Physical Training Among the Greeks, Walter E. Magee.

Friday, May 10.—Geo. Peabody School, 7th Ave., bet. California and Clement; Scientific Prevention of Accidents, Carl M. Hansen.

Friday, May 10.—Mission High School, Eighteenth and Dolores; The Folk-dance in Physical Culture, (Illustrated by pupils of Laguna Honda School), Mrs. Fred W. Stowell.

Monday, May 13.—Adams School, Eddy, near Van Ness; Under the Eaves of the World, Henry Payot.

Tuesday, May 14.—Hancock School, Filbert, near Taylor; The Yosemite National Park, Arthur H. Chamberlain.

Wednesday, May 15.—Monroe School, Excelsior Ave. and London; Open-air Life vs. Tuberculosis, Dr. G. R. Hubbell.

Thursday, May 16.—Bryant School, Bryant, near Twenty-second; Early San Francisco, Chas. B. Turrill.

Friday, May 17.—McKinley School, Castro and Fourteenth; Glimpses of Korea, Peking and the Yang-tse, R. S. Wheeler.

Friday, May 17.—Burnett School, Newcomb Ave. and Lane St.; Our Animals, Matthew McCurrie.

Monday, May 20.—Sheridan School, Capitol Ave., bet. Lobos and Farallones; Java, the Gem of the East Indies, Alexander Russell.

Monday, May 20.—Mission Grammar School, Mission, bet. Fifteenth and Sixteenth; Relation of the Consumer to the Pure Food Law, M. E. Jaffa.

Tuesday, May 21.—Girls' High School, Hamilton Square; Paris, la Reine des Capitales (in French), Edward J. Dupuy.

Tuesday, May 21.—Sutro School, Thirteenth Ave., bet. Clement and California; What the Microscope Reveals in Our Bodies, Dr. A. A. D'Ancona.

Wednesday, May 22.—Spring Valley School, Jackson, bet. Hyde and Larkin; R. L. Stevenson in the South Seas, Mrs. Lloyd Osbourne.

Wednesday, May 22.—Adams School, Eddy, near Van Ness; History of Music: Romantic Period, Albert Elkus.

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Thursday, May 23.—Laguna Honda School, Seventh Ave., bet. Irving and Judah; London and its Environs, Jas. E. Rogers.

Friday, May 24.—James Lick School, Twenty-fifth and Noe; New York City, Chas. L. Jacobs.

SCHEDULE FOR JUNE.

Monday, June 3.—Portola School, Bacon and Girard; Bird Life in California, Gretchen L. Libby.

Tuesday, June 4.—Hancock School, Filbert, near Taylor; Yosemite and Hetch Hetchy, C. W. Reed.

Wednesday, June 5.—Frank McCoppin School, Seventh Ave., bet. Balboa and Cabrillo; A Trip to Mexico, J. Emmet Hayden.

Thursday, June 6.—Jean Parker School, Broadway, near Mason; From the Alps to the Adriatic, Dr. A. H. Giannini.

Friday, June 7.—Lincoln School, Harrison, near Fourth; The History of Lincoln School, Chas. B. Turrill.

Monday, June 10.—Adams School, Eddy, near Van Ness; A Journey Across Siberia, F. S. Rosseter.

Tuesday, June 11.—Jean Parker School, Broadway, near Mason; Poverty and Criminality (in Italian), Salvatore Schiro, M. D.

Tuesday, June 11.—Bryant School, Bryant, near Twenty-second; Seven Vacation Trips of the Columbia Park Boys' Club, Sidney S. Piexotto.

Wednesday, June 12.—McKinley School, Castro and Fourteenth; A Summer in Mexico, Mrs. Mary Dickson.

Thursday, June 13.—Mission High School, Dolores and Eighteenth; Robert and Elizabeth Barrett Browning, John D. Barry, Mrs. Lillian Quinn Stark, Mrs. M. E. Blanchard, Miss Edna M. Wilcox.

Friday, June 14.—Madison School, Clay, near Cherry; The Pearl on India's Brow, Henry Payot.

The Lectures will be discontinued during the school vacation in July and August, recommencing in September.

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DEPARTMENT OF EDUCATION, CITY AND COUNTY OF SAN FRANCISCO, CALIFORNIA.

BOARD OF EDUCATION.

D'ANCONA, DR. A. A., President	Term expires Jan. 8, 1916	$3,000.00
POWER, JAMES E., Member	Term expires Jan. 8, 1915	3,000.00
KINCAID, Mrs. M. W., Member	Term expires Jan. 8, 1913	3,000.00
JONES, Miss S. J., Member	Term expires Jan. 8, 1914	3,000.00

SUPERINTENDENT OF SCHOOLS.

RONCOVIERI, ALFRED	Term expires Jan. 8, 1915	$4,000.00

(Ex-officio member of the Board of Education without right to vote).

DEPUTY SUPERINTENDENTS OF SCHOOLS.

Webster, R. H.	Term expires May 1, 1916	$3,000.00
Cloud, A. J.	Term expires Dec. 1, 1912	3,000.00
Heaton, T. L.	Term expires Mar. 1, 1914	3,000.00
Howard, W. B.	Term expires Mar. 1, 1914	3,000.00

EMPLOYES.

Dodge, M. G.	Secretary, Board of Education	Term at pleasure of Board of Education	$2,400.00
Berliner, C. A.	Financial Secretary, Board of Education	Term at pleasure of Board of Education	2,160.00
Collier, A. M., Mrs.	Assistants to Secretary	Term at pleasure of Board of Education	1,020.00
Norris, M. R., Mrs.		Term at pleasure of Board of Education	1,020.00
Walsh, E. A., Miss	Stenographer, Board of Education	Term at pleasure of Board of Education	1,260.00
O'Rourke, J., Miss	Stenographer, Board of Education	Term at pleasure of Board of Education	1,260.00
O'Connor, T. S., Miss	Stenographer, Office Supt. of Schools	Term at pleasure of Board of Education	1,260.00
Holden, S. A., Miss	Phone Exchange Operator	Term at pleasure of Board of Education	1,080.00
Harris, J.	Messenger, Board of Education	Term at pleasure of Board of Education	1,200.00
Larkin, R.	Messenger, Supt. of Schools	Term at pleasure of Board of Education	1,140.00
Sweeney, E.	Truant Officer	Assigned by Chief of Police.	
Dugan, T. J.	Truant Officer	Assigned by Chief of Police.	
Nolan, E.	Truant Officer	Assigned by Chief of Police.	
Foley, James	Store Keeper	Term at pleasure of Board of Education	$1,800.00
Hunt, John	Assistant Store Keeper	Term at pleasure of Board of Education	1,080.00
Whitney, S. E.	Bookkeeper	Term at pleasure of Board of Education	1,500.00
Mehan, C. W.	Building and Repairs	Term at pleasure of Board of Education	2,100.00
Alford, T.	Clerk	Term at pleasure of Board of Education	1,500.00
Schuck, E.	Chauffeur	Term at pleasure of Board of Education	1,500.00

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NAMES AND LOCATION OF SCHOOLS AND DESCRIPTION OF SCHOOL PROPERTY.

CLASS "A"

Designates a strictly fireproof building with steel frame, concrete or tile floors or partitions, brick or stone or concrete walls.

"SPECIAL CONSTRUCTION"

Designates a building with fireproof stairways, concrete basement walls with concrete first floor, wood frame above with metal lath and plaster interior and exterior, metal frame and sash.

"CLASS C"

Designates a steel frame with exterior brick walls, fireproof stairways and wooden joists and partitions.

Adams Grammar School—Eddy street, between Van Ness avenue and Polk street, 2-story, 14-room and basement Class "C" building. $94,739.36, was cost. Lot in Western Addition, Blk. 62, 120 x 137½ feet.

Agassiz School—Frame building; cost $31,500; eighteen rooms; Bartlett street, between Twenty-second and Twenty-third streets; lot in Mission Blk. 136, 150 x 250 feet, occupied also by Horace Mann Grammar School. On May 9, 1902, additional lot, southwest corner Twenty-second and Bartlett streets, S. 55 feet by W. 85 feet, was purchased from S. J. Hendy, December 23, 1908, from H. J. Koepke, a lot in Mission Block 136, $5,000; March 19, 1909, from Johanna Sheehan, W. line of Bartlett street 255 feet S. to Twenty-second street, S. 25 feet by W. 125 feet Mission Block 136, $4,500; December 6, 1909, from G. W. Wepfer, lot W. line of Bartlett street, 205 feet S. of Twenty-second street, S. 25 by W. 125 in Mission, Block 136, $7,000.

Bay View School—New building of 18 rooms and assembly hall, Class "A." Costing nearly $117,000.00. On July 10, 1905, lot in Silver Terrace tract, block C, was purchased from Allen Riddell for $10,250. Commencing at the corner formed by the intersection of the southerly line of Bay View avenue and the easterly line of Flora street, and running thence easterly along said southerly line of Bay View avenue 200 feet to the westerly line of Pomona street; thence at a right angle southerly 350 feet; thence at a right angle westerly 200 feet to the easterly line of Flora street; thence northerly along said line of Flora street 350 feet to the southerly line of Bay View avenue and point of commencement. Recorded in Book 2, 124 of Deeds, page 60. School located on Bay View avenue and Flora street.

Bernal School—Frame building, 16 rooms; cost $30,560; Courtland avenue, between Andover avenue and Moultrie street. Lot in Gift Map No. 2, 140 x 148 feet 8½ inches. October 17, 1908, from Elizabeth S. Ford, lots Nos. 17, 19, 21 and 23, Gift Map No. 2, $2,600. January 15, 1909, lot on corner of Andover and Jefferson avenues, $2,600. October 2, 1911 from L. Depaoli, lot in section S. line S. Jarboe avenue with W. line Moultrie street S. 62 ft. 6 in., W. 70 ft., N. 62 ft. 6 in., E. 70 ft. (bonds 1904) $3300. October 2, 1911 from Joseph S. Lemos, lot W. line Moultrie street 62 ft, 6 in. from Jarboe avenue S. 37 ft. 6 in. x W. 70 ft. (bonds 1904) $3300.

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Bryant Cosmopolitan School—Bryant street, between Twenty-second and Twenty-third; 2-story, eighteen rooms and basement; "Special Construction" building. Occupied by Board of Education June 9, 1910; cost $106,806.15. Lot in Mission block 147, between Twenty-second and Twenty-third streets, Bryant and York streets, 150 x 200 feet.

Buena Vista School—Frame building, thirteen rooms; costing $21,867.00. Bryant street, between Eighteenth and Nineteenth streets. Lot on Potrero, block 39, 100 x 200 feet.

Burnett School—Fourteenth avenue, south, near Railroad avenue, 2-story, twelve-room and basement "Frame—Cement and Plaster" building. Cost $54,372.92. Lot in South San Francisco Homestead, block 289. Lot 1, 75 x 100 feet, and additional lot purchased from Cecilia Wright, August 26, 1903, for $500, South San Francisco Homestead. Commencing at a point on the southwest line of Fourteenth avenue, south; distant 150 feet northwesterly along the northwesterly line of L street south; thence northwesterly along Fourteenth avenue south 32½ feet by uniform depth of 100 feet. September 27, 1909, from Martha A. Stapleton; commencing S. W. line Fourteenth avenue S. 182 feet 6 inches, S. W. on L. S. N. W. 42 feet 6 inches by S. W. 100 feet, block 289, S. S. F. Homestead and R. R. Association, $1,750. August, 1910, lot in Homestead Association, block 189, $5,500. October 23, 1911, from Isabella Sprague, Trustee, lot N. E. line Oakdale avenue 75 feet N. W. from Lane street N. W. 75 feet x N. E. 100 feet in block 289 South San Francisco Homestead (bonds 1908) $2,250.

Clement Cooking and Manual Training Center—(Suspended)—Temporary frame building, six rooms. Geary near Jones street. Lot in block 253, 77½ x 137½ feet; additional lot commencing at a point on the southerly line of Geary street, distant 137 feet 6 inches westerly from the southwest corner of Geary and Jones streets; thence northerly along said line of Geary street, 25 feet by south 137 feet 6 inches in depth, being a portion of 50 vara block 253. Purchased from S. L. and Mabel V. Starr, August 14, 1905, for $27,000. Recorded in Book 2, 134 of Deeds, page 98.

Cleveland School—Persia, between Moscow and Athens; 2-story, fourteen-room and basement "Special Construction" building. Cost $64,782.24. January 11, 1909, from Annie M. Creighton, lot northwest corner of Moscow street and Persia avenue, 100 feet by 300 feet, $6,500. February 15, 1909, from William McCall, lot in Excelsior Homestead Association, block 73, northeast corner Persia avenue and Athens street, 100 feet on Persia avenue by 300 feet on Athens street, $6,750.

Columbia School—Cost $30,300; frame building, eighteen roms and three portable roms. Florida street, between Twenty-fifth and Twenty-sixth streets. Lot in Mission, block 178. Lot No. 1, 100 x 200 feet; lot No. 2, 50 x 100 feet.

Columbus School—Temporary frame building, six rooms. Thirteenth avenue and Kirkham streets. Block No. 780. West of First avenue; 150 feet x 240 feet.

Cooper School—Temporary frame building, fifteen rooms. Greenwich street, between Jones and Leavenworth streets, lot in block 237, 137½ x 137½ feet.

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Crocker School—Frame building, twenty rooms; cost $26,547; Page street, between Broderick and Baker streets. Lot in block 523, W. A., 137½ x 137½ feet. Additional lot purchased from W. J. Hawkins, May 16, 1905, for $2,750. Commencing at a point on the southerly line of Page street, distant 96 feet 10½ inches, easterly from the easterly line of Baker street; thence easterly 25 feet by uniform depth of 110 feet.

Daniel Webster School—Temporary frame building; Potrero Nuevo block 231, west line of Connecticut street; 125 feet north from Twentieth street, thence 150 feet x 200 feet from the Western Pacific R. R. Co., January 25, 1909; agreement in condemnation suit.

Denman School—Pierce street, between Fell and Hayes; 2-story, eighteen-room and basement Class "A" building. Cost $158,494.85. May 17, 1909, from the Edwin Barron estate, lot northeast corner Fell and Pierce streets, 137 feet 6 inches on Fell street, by 137 feet 6 inches on Pierce street, Western Addition, block 379, $29,118. October 18, 1909, from P. J. Stuparich and H. Adams, lot southeast corner Pierce and Hayes streets, 137½ by 137½, $37,125. June 13, 1910, from Emery B. Hopkins, lot N. side of Fell street, 137 feet 6 inches E. from E. line of Pierce street, 55 feet by 137½ feet, W. A. block 379, $9,500. September, 1910, two lots in W. A. block 379, $13,100.

Douglass School—Cost $28,787; frame building, eleven rooms. Corner Nineteenth and Collingwood streets. Lot in Horner's Addition, 135 x 113 feet. June 27, 1910, from Alfred H. Grant, lot east line of Nineteenth street, 113 feet west of Collingwood street, west 30 feet by south 135 feet, Horner's Addition block 194, $4,500. On Nineteenth street, 143 feet west of Collingwood street. West 40 feet by south 135 feet, Horner's Addition block 194, $6,250.

Dudley Stone School—Frame building, sixteen rooms; cost $28,755; Haight street, between Lott and Masonic avenues, lot in block 657, W. A., 137½ x 137½ feet. August 12, 1908, from E. L. Pritchard; consideration $6,000. Lot on south line of Haight street 112 feet 6 inches west of Central avenue, west 25 feet by 137 feet 6 inches being a part of Western Addition, block 657. August 12, 1908, from J. L. Pritchard, out of School Fund, lot south line Haight street 112 feet 6 inches west of Central avenue, west 25 feet by 137 feet 6 inches, Western Addition block 657, $6,000.

Edison School—Frame building, ten rooms; cost $27,936; Church and Hill streets. Lot in Mission, block 90, 101 feet 9 inches by 114 feet. August 21, 1911 from J. H. Attell intersection N. line Twenty-second street with W. line Church street; along N. line Twenty-second street 50 feet 10 inches by N. 114 feet, E. 50 feet 10 inches to W. line of Church. S. along Church to commencement. Mission block 90. $9,100. August 28, 1911, from Patrick Coleman N. line Twenty-second street 50 feet 10 inches W. of Church street, W. 25 feet x 114 N. Mission block 90, (bonds 1904), $4,500. August 28, 1911 from Anna Martin lot N. line Twenty-second street 75 feet 10 inches W. of Church street, W. 25 x N. 114 feet Mission block 90 (bonds 1904), $3,800.

Emerson School—Frame building, twenty rooms; cost $28,155; Pine street, between Scott and Devisadero streets. Lot in block 460, W. A., 137½ x 137½ feet.

Everett School—Frame building, sixteen rooms; cost $24,132. Sanchez street, between Sixteenth and Seventeenth streets. Lot in Mission, block 95, 125 x 160 feet. A lot of land 28 x 160 feet on Sanchez street north of and

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contiguous to the present site of the Everett Grammar School, $10,000. November 29, 1909, from Frank L. Roseneau, lot east line of Sanchez street 202 feet south of Sixteenth street south 28 feet by east 80 feet, in Mission block 95, $6,900. A Manual Training and Cooking Laboratory has been built. July 17, 1911, from Michael McHugh lot W. line Dehon street 290 feet N. of Seventeenth street, N. 28 x W. 100 Mission block 95, (bonds of 1908) $3,500.

Ethan Allen School—Temporary frame building, three rooms. Bryant street, near Sixth street.

Fairmount School—Frame building, twelve rooms. Chenery street, near Randall street, five portable rooms on premises. Lot in Fairmount tract, block 29, lot 1, 112 x 125 feet; lot 2, 62 x 175 feet.

Farragut School—Holloway avenue, between Capitol and Faxon; 2-story, eighteen-room and basement "Special Construction" building. Occupied by Board of Education, March 29, 1911. Cost $101,914.91. April 25, 1909, from John and Belle McCaffery, lot east line of Faxon avenue, 100 feet south from Halloway avenue, south 37½ feet by east 112½ feet, lot 25, lot 19, Lake View, $1,025. April 26, 1909, from Spaulding & Neff, lots 19, 20, 21, 22, 23, half of lot 24, and lots from 26 to 41, inclusive, block 19, Lake View, $11,512.50.

Francis Scott Key School—New frame building, eight rooms, $38,000. Forty-second avenue and I street. Lot in block No. 714. 150 feet by 240 feet.

Frank McCoppin School—Seventh avenue, between B and C; 2-story, eighteen-room and basement "Special Construction" building. Occupied by Board of Education, October 24, 1910. Cost $106,294.69. Lot in block 375, west of Sixth avenue, 150 x 240 feet. April 5, 1909, from Elizabeth M. Strand, lot west line Sixth avenue 200 feet south of B street, south 25 feet by west 120 feet O. L. block 375, $2,000. April 16, 1909, from Robert Bennett, lot east side Seventh avenue 200 feet south of B street, south 25 feet by east 100 feet O. L. block 375, $7,500.

Franklin School—Eighth, between Bryant and Harrison; 2-story, fourteen-room and basement "Special Construction" building. Cost $75,926.83. Lot in vara block 410, 140 x 275 feet.

Fremont School—Frame building, sixteen rooms; cost $35,873; McAllister street, between Broderick and Baker streets. Lot in block 530, W. A., 137½ x 137½ feet. Additional lot (No. 1) purchased from Herman Murphy, January 3, 1902, for $3,250. Commencing at a point on the northerly line of McAllister street, distant 112½ feet westerly from the westerly line of Broderick street; thence westerly 25 feet by uniform depth of 137 feet 6 inches. Recorded in book 1, 947 of Deeds, page 102; additional lot (No. 2) purchased from Owen McHugh, July 1, 1902. Commencing at a point on the northerly line of McAllister street, distant 96 feet 10½ inches easterly from the easterly line of Baker street, running thence easterly 25 feet, by uniform depth of 137 feet 6 inches. Recorded in book 1, 692 of Deeds, page 138.

Garfield School—Filbert and Kearny; 2-story, nineteen-room and basement "Special Construction" building. Occupied by Board of Education, November 21, 1910. Cost $111,188.18. Lot in block No. 82. Corner Filbert and Kearny streets; 137½ x 137½ feet. Additional lot adjacent in litigation. July 28, 1908, from Annie M. Gallagher and Mary B. Waller, lot on north line of

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Filbert street, distant 137 feet 6 inches west from Kearny street; thence west on Filbert street 68 feet 9 inches by 137 feet 6 inches, being a part of 50 vara lot No. 461 and 50 vara lot No. 82, $8,000. From Charles Huth, November 2, 1908, south line of Greenwich street, between Kearny and Dupont streets, 25 feet square, block 82, $750. November 2, 1908, from Charles Kosta, rear portion of lot adjoining above 25 feet square, $550. West line of Kearny street 112 feet 6 inches south from Greenwich; thence south along west line of Kearny street 25 feet; thence at right angles west 87 feet 6 inches, thence at right angles north 25; thence east 87 feet 6 inches, purchased from the Hibernia Savings and Loan Society July 10, 1903, $850.

George Peabody School—Sixth avenue, between California and Clement streets; 2-story, fourteen-room and basement "Special Construction" building. Now in course of construction. Cost $80,545.02. Lot in block No. 176; 150 x 240 feet.

Girls' High School—Scott street, between Geary and O'Farrell; 2-story, twenty classrooms and basement, Class "C" building. Appropriation $350,000, spent to date $225,502.60. Temporary frame building completed at a cost of $16,000 Scott street, near Geary street. This school is not built on school property, but on property belonging to the City, and which originally formed a part of Hamilton Square. In 1870 the Board of Education obtained permission to use a portion for the erection of school buildings. Lot 275 feet front on Scott street, 341 feet 3 inches on Geary and O'Farrell streets.

Glen Park School—New frame building, twelve rooms, costing $42,500, San Jose and Joost avenues. Additional lot purchased from the estate of John Pforr, May 20, 1905, for $5,600. Mission and Thirtieth Extension Homestead Union. Beginning at the corner formed by the intersection of the southwesterly line of Berkshire street with the southeasterly line of Lippard avenue; thence southwesterly along Lippard avenue 400 feet; thence at right angles southeasterly 200 feet to the northwesterly line of Fulton avenue; thence at right angles northeasterly 400 feet along Fulton avenue to the southwesterly line of Berkshire street; thence at a right angle northwesterly along Berkshire street to the point of beginning, being all of block 3, Mission and Thirteenth Street Extension Homestead Union. Recorded in Book 2, 125 of Deeds, page 76.

Golden Gate School—New building; twelve rooms, Class "C," costing $73,533. Golden Gate avenue, between Pierce and Scott streets. Lot in block 433 W. A., 100 x 137½ feet. Additional lot purchased from Fred H. Hansen, July 20, 1905, for $4,375. Commencing at a point on the northerly line of Golden Gate avenue, distant thereon 68 feet 9 inches, westerly from the westerly line of Pierce street; thence westerly 25 feet, by uniform depth of 137 feet 6 inches. Additional lot (No. 2) purchased from Margaret Poyelson, June 28, 1905, for $8,856. Commencing at a point on the northerly line of Golden Gate avenue, distant thereon 93 feet 9 inches, westerly from the westerly line of Pierce street; thence westerly 43 feet 9 inches, by uniform depth of 137 feet 8 inches. Additional lot (No. 3) purchased from Gustave A. DeManiel, June 14, 1905, for $12,462. Commencing at a point on the northerly line of Golden Gate avenue, distant 137 feet 6 inches, westerly from the westerly line of Pierce street; thence westerly 37 feet 6 inches, by uniform depth of 137 feet 6 inches.

Grant School—Frame building, 8 rooms; cost $18,499; Pacific Avenue, between Broderick and Baker streets. Lot in block No. 546, W. A., 137½x137½ feet. January 8, 1912, from Cornelia M. Stafford lot S. line Broadway, 150 ft.

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W. Broderick St. W. 60 x S. 127 ft. 8¼ in. W. A. Blk. 546. (Bonds 1904) $22,000; also from John Lee, Jr. lot S. line Broadway 210 W. of Broderick St. W. 65 ft. x S. 89 ft. 1⅝ in. x S. E. 39 ft. 7½ in. E. 55 ft. 9 in. N. 127 ft. 8¼ in. W. A. Blk. 546 (1904 bonds) $22,500.

Grattan School—Shrader street, between Alma and Grattan; 2-story, 16-room "Frame" building. Cost $68,579.17. Additional lot purchased from the Pope Estate Co. for $28,500. Recorded in Book 2, 130 of Deeds, page 204. Western Addition, block 874. Commencing at the point of intersection of the southerly line of Grattan street with the easterly line of Shrader street; thence easterly along Grattan street 203 feet 7¾ inches; thence at a right angle southerly 249 feet to the northerly line of Alma street; thence at a right angle westerly and along said line of Alma street 203 feet 7¾ inches to the easterly line of Shrader street; thence at a right angle northerly 249 feet 11 inches to the southerly line of Grattan street, and point of commencement.

Haight School—Frame building, 13 rooms; cost $23,488; Mission street, between Twenty-fifth and Twenty-sixth streets. Lot in Mission block 183; 150x117½ feet.

Hamilton School—Frame building, 17 rooms; cost $27,650; Geary street, between Scott and Pierce streets. (See Girls' High School).

Hancock School—Filbert street, between Jones and Taylor; 2-story, 18-room and basement Class "A" building. Now occupied by Board of Education. Cost $166,321.20. Lot in block 208, 100x120 ft. December 21, 1908, from R. H. McColgan and Mary E. Russell, north line Filbert street, 110 feet west from Taylor, west 60x120 feet, 50 vara lot No. 208, $10,800.

Harrison School—Jamestown Avenue, between Railroad and Jennings; 1-story, 6-room and basement "Special Construction" building. Occupied by Board of Education, May 15, 1911. Cost $22,435.41. All of block 584, Bay View Tract, Sub. 2, bounded by Railroad Avenue, J. street South, Thirty-fourth Avenue South, and Thirty-fifth Avenue South, except lot south line of Thirty-fourth Avenue South, 100 feet west of J street, S. W. 50 x S. 100 feet, $10,000.

Hawthorne School—Frame building, 11 rooms; cost $11,500; Shotwell street, between Twenty-second and Twenty-third streets, lot in Mission block 138, 122½x122½ feet.

Hearst School—Frame building, 25 rooms; cost $25,007; corner Fillmore and Hermann streets, lot in block 374 W. A., 137½x137½ ft.

Henry Durant School—Frame building 12 rooms; cost $18,294; Turk street, between Buchanan and Webster streets, lot in block 281 W. A., 137½x120 feet.

Horace Mann School—Frame building, 20 rooms; cost $33,149; Valencia street, between Twenty-second and Twenty-third streets. (See Agassiz School). December 28, 1908, from Moore Investment Company, commencing 205 feet south from Twenty-second street, thence south on Valencia street 37½ feet by 125 feet, Mission block No. 136, $15,000.

Hunter's Point School—Temporary frame building of 2 rooms. Eighth Avenue, between C and D streets. (Lot is leased).

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Irving M. Scott School—Frame building, 20 rooms; cost $35,360; Tennessee street, near Twenty-second. Lot in Potrero, block No. 373, 150x200 feet.

James Lick School—Frame building, 14 rooms; cost $21,877; Noe and Twenty-fifth streets. Lot in Horner's Addition, block No. 163, 114x116 feet. November, 1910, additional lot, $5,600.

Jean Parker School—Broadway, between Powell and Mason streets; 2-story, 18-room and basement Class "A" building. Now in course of construction. Cost $173,355.57. Lot in block No. 157. Lot 1, 65 feet 2 inches by 137½ feet; lot 2, 30x91 feet 8 inches; lot 3, 39 feet 9 inches by 91 feet 8 inches, December 28, 1908, from Fannie Galloway, 227 feet 11 inches by 69 feet 7 inches of lot in 50 vara, block 157, 91 feet 8 inches perpendicularly distant from north line of Broadway, $2,000. January 4, 1909, from the estate of Jose M. Jininez, north line of Broadway, 137 feet east from east line of Mason street; thence east on Broadway 34 feet 4 inches by 137 feet 6 inches deep, 50 varas, lot No. 167, $8,925. November 15, 1909, from Bernardo Fernandez, lo tnorth of Broadway 171 feet 10 inches east of Mason, east 38 by north 137 feet 6 inches, 50 vara, block 167, $9,750.

Jefferson School—Temporary frame building, 4 rooms. Lot in block 690 Nineteenth Avenue between I and J streets, $3,000, 150x240 feet.

John Swett Grammar School—McAllister street, between Gough and Franklin streets; 2-story, 16-room and basement Class "C" building. Cost $91,156.74. Lot in block No. 136, W. A., 137½x137½ feet. June 27, 1910, from Elizabeth M. Kreuz, lot south line of Golden Gate Avenue 169½ feet west of Franklin street, west 27½ by south 120 feet, W. A. block 136, $11,000. From Sara Patek, lot south line of Golden Gate Avenue, 197 feet west from Franklin street, west 25 feet by south 120 feet, W. A. block 136, $9,750. From Mary Mocker, lot south side of Golden Gate Avenue, 222 feet west from Franklin street, 28x 120 feet, W. A. block 136, $12,000. July 5, 1910, from Veronica J. Porcher, lot on the south line of Golden Gate Avenue, 137½ feet west from Franklin street, west 32 feet by south 137½ feet, W. A. block 136, $14,000. July 25, 1910, west 32 feet x south 137½ feet, W. A. block 136, $14,000. August 15, 1910, from 137½ feet east from Gough street, east 25 feet x south 137½ feet, W. A. block No. 136.

Junipero Serra School—Holly Park Avenue, between Highland and West Park; 2-story, 18-room and basement "Special Construction" building. Occupied by Board of Education, January 5, 1911. Cost $91,603.59. July 12, 1909, from A. B. Ruggles, lots 31, 32, 33, 34, 35, 36, 37, 38, 39, 40. Block 3, Holly Park Tract, $13,700. October 9, 1911, from Anita P. C. T. Shelby lot 29, Block 3 Holly Park Tract 25 feet. x 100 ft. (School Bonds 1908) $3,255, also in same block from Cayetano Arellano lot 30, 100 ft. x 25 ft. (Bonds 1908) $2,700.

Kate Kennedy School—Noe and Thirtieth streets; 2-story, 15-room and basement "Special Construction" building. Occupied by Board of Education, March 20, 1911. Cost $102,370.57. May 3, 1909, from Ellen S. McGowan and E. Connors, lot west line of Noe street 26½ feet north of 30th street, north 25 feet by west 105 feet in Horner Addition, block 172, $1,500. April 5, 1909, from Ellen S. McGowan and Delia Williams, lot southwestern corner Noe and Day streets, 105 feet by south on Noe street 26½ feet in Horner Addition, block 172, $6,000. April 12, 1909, from Ellen S. McGowan, west line Noe street, 25½

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feet south of Day street, south 150 feet by west 105 feet, south 51½ feet; by west 50 feet by north 228 feet by east 50 feet by south 26½ feet; thence east 105 feet, Horner Addition, block 172, $16,600. May 24, 1909, from W. E. Smith and Ellen McGowan, lot northwest corner Noe and 30th streets. North 26½ feet by west 105 feet, Horner Addition, block 172, $2,150. June 1, 1909, from Ellen S. McGowan and Joe Gottwald, lot south line of Day street 155 feet west of Noe street, west 25 feet by south 228 feet to the north line of 30th street in Horner Addition, block 172, $5,400.

Lafayette School—Thirty-seventh Avenue, near Point Lobos.

Laguna Honda School—New building; cost $91,418.99; 14 rooms; brick, class B. Seventh Avenue, between I and J streets. Lot in block No. 678, 150x240 feet.

Lincoln School—Harrison street, near Fourth street; 1-story, 12-room "Frame-Cement-Plaster" building. Cost $74,650.96. Lot in block No. 374, 195x160 feet. Additional lot (1) purchased from Bertha Gunnison, February 9, 1906, for $4,250. Commencing at a point on the northwesterly line of Harrison street, distant thereon 275 feet, southwesterly on the southwest line of Fourth street, running thence southerly along said line of Harrison street; thence at a right angle northwesterly 85 feet; thence at a right angle northwesterly 85 feet to the north line of Harrison street from the point of commencement. Additional lot (2) purchased from Herman Scholten, December 18, 1905, for $2,800. Commencing at a point on the southeasterly line of Clara street, distant 275 feet southwesterly from the point of intersection of said southeasterly line of Clara street with the southwesterly line of Fourth street, running thence southwesterly along said southeasterly line of Clara street 25 feet; thence at a right angle southeasterly 75 feet; thence at a right angle northeasterly 25 feet; thence at a right angle northwesterly 75 feet to the southeasterly line of Clara street and point of commencement.

Longfellow School—Corner Morse and Lowell streets; 2-story, 14 rooms and basement, "Special Construction." Occupied January 3, 1911. Cost $78,675.38. Lot in West End Map. Block 23; 80x165 feet. March 1, 1909, from D. A. Helbing et al., lot southwest corner Lowell, Mission and Morse, 267 by 213, being lots 49, 50 and 51, West End Homestead, $9,250.

Lowell High School—Frame building, 21 rooms. Sutter street, between Octavia and Gough streets. Lot in block No. 158, W. A., 137½x120½ feet. July 1, 1912 from Trustees of Centennary M. E. Church S. side Bush street 137 ft. 6 in. E. of Octavia, E. 68 feet 9 in. x 137 ft. 6 in. W. A. Blk. 158 (Bonds 1904) $22,000. November 29, 1909, from Ivan Treadwell, et al., the whole of Western Addition Block 667 bounded by Masonic Avenue, Hayes, Ashbury and Grove streets, $116,500, on which will be built a 3-story, 60-room and basement Class "C" building. Now in course of construction. Spent to date.

McKinley School—Fourteenth and Castro; 2-story, 18-room and basement "Special Construction" building. Occupied by Board of Education, November 21, 1910. Cost $111,018.18. Lot purchased from Jas. Irvine, August 14, 1905, cost $35,000. Mission block No. 121, commencing at the southwesterly corner of Fourteenth and Castro streets; thence westerly along the southerly line of Fourteenth street 320 feet; thence at right angles southerly 230 feet to the northerly line of Henry street; thence easterly along said last named line 320 feet to the westerly line of Castro street; thence northerly along said last named line 230 feet to the point of commencement.

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Madison School—Clay street, between Cherry and First Avenue; 2-story, 14-room and basement "Special Construction" building. Occupied by Board of Education, May 24, 1910. Lot in block No. 848, Western Addition, 137½x137½ feet. Cost $87,945.72.

Marshall Primary School—Temporary frame building, 15 rooms. Julian Avenue, between Fifteenth and Sixteenth streets. Lot in Mission, block No. 35, 200x182 feet. (Also occupied by the Mission Grammar school). July 13, 1908, from R. A. Archbishop of San Francisco, lot corner Nineteenth and Angelica streets (resolution 1426 and 1757, Board of Supervisors). Commencing intersection south line Nineteenth street with east line Angelica street, south 205 feet to Cumberland Place; thence east 183 feet by north 114 feet west 50 feet N. W. 118 feet 2½ inches to Nineteenth street, west 102 feet to point of commencement. Mission, block 72, $33,625. Spent on plans for new building $3,419.70. Commencing at point of intersection of the south line of Nineteenth street with the east line of Angelica street, thence south along Angelica street 205 feet to the north line of Cumberland Place, thence east 183 feet, thence north 91 feet, thence at right angles west 50 feet, thence northwest 118 feet 2½ inches to a point in the south line of Nineteenth street, which is distant east 102 feet from the southeast corner of Nineteenth and Angelica streets; thence west on south line of Nineteenth street 102 feet to point of commencement, being a portion of Mission block 72 purchased from Rev. P. W. Riordan, Roman Catholic Archbishop of San Francisco, a corporation sale for $33,625, as alternative site for the Marshall Primary authorized by the bond issue September 29, 1908.

Mission Grammar School—Mission, between Fifteenth and Sixteenth; 2-story, 19-room and basement Class "A" building. Occupied by Board of Education, January 26, 1910. Cost $171,836.66. Land (See Marshall School).

Mission High School—Brick building, 25 rooms; costing about $173,000. 18th and Dolores streets. Mission block No. 85, 398x194 feet. Purchased in 1896 for $52,500. April 19, 1909, from Owen M. V. Roberts, lot in Mission block 85, south line of Dorland street 88 feet east of Church street, east 25 feet by south 100 feet $3,500. April 19, 1909, from J. and Winifred O'Donnell, lot south line Dorland street 138 feet southeast of Church street, southeast 25 feet by south 100 feet in Mission block 85, $5,225. April 19, 1909, from the Catholic Apostolic church, or north line of Eighteenth street 112 feet east of Church street, east 25 feet by north 114 feet, $7,800. June 1, 1909; from Amelia Dorland and Leonora Son, lot in Mission block No. 85, southeast corner Dorland and Church streets, south 35 feet 8 inches by east 88 feet, $6,300. June 1, 1909, from Herman D. Junck, lot in Mission block 85 south line Dorland street, 138 feet east from Church street; thence 100 feet east, 25⅝ feet by north 100 feet; thence west 25⅝ feet, $17,000. June 1, 1909, from Jessie Hauser, lot east line of Church street 168 feet north of Eighteenth street, north 27 feet by east 88 feet, $10,000; also northeast corner Church and Eighteenth streets, 62 feet on Eighteenth street by 114 feet on Church street, Mission block No. 85, $17,000, June 28, 1909, from Eva Topper, lot east line Church street 141 feet north Eighteenth street, north 27 feet by east 88 feet Mission block 85, $11,085. October 4, 1909, from Ida G. Shade, lot north line Eighteenth street, 137 feet east of Church, east 25 by north 114 feet, $9,000. From James A. Symon, lot north line Eighteenth street, 62 feet east from east line of Church, east 25 by north 114 feet in Mission block 85, $8,500. November 1, 1909, from David Dorward, lot south line of Church street, 114 feet north of Eighteenth street north 27 by east 88 in Mission block 85, $9,100. November 15, 1909, from James A. Symon, exec., north line of Eighteenth street, 87 feet east of Church street, east 25 feet by north 114 feet, $8,500.

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Monroe School—New building; Class "C", costing $83,500. China Avenue and London street. Lot in block 14, Excelsior Homestead, 150x100 feet. Additional lot purchased from Thomas Shewbridge, August 30, 1902, Excelsior Homestead, block No. 14. New lot, corner China Avenue and Paris street, northwest 100 feet by northeast 150 feet, lot 4, block 14, Excelsior Homestead. September 5, 1911, from George Somers lot E. side London street 150 ft. N. E. from N. E. line Excelsior Avenue N. E. 75 ft. along S. E. line London street x S. E. 100 feet Excelsior Homestead Block 14. (Bonds 1904) $4,300. September 11, 1911, from Margaret Richter lot S. E. line London street 225 feet N. E. from N. E. line Excelsior Ave. thence 75 ft. N. E. x 100 ft. S. E. Excelsior Homestead Block 14. (Bonds 1904) $4,750.

Moulder School—Frame building, 10 rooms, cost $21,000; Page and Gough streets, lot in block No. 145, W. A., 137½x120 feet.

Noe Valley School—Frame building, 15 rooms, cost $29,474. 24th and Douglass. Additional lot (No. 1) purchased from George and Christina Gies. Deed dated October 5, 1901. Horner's Estate, block 244. Commencing at a point on the west line of Douglass street, 139 feet north to Twenty-fourth street; thence north on the west line of Douglass street 25 feet by west 125 feet in depth. Additional lot (No. 2) purchased from Mary E. Gies. Deed dated October 7, 1901. Commencing at a point on the west line of Douglass street 114 feet north of Twenty-fourth street; thence north on the west line of Douglass street 25 feet by west 125 feet in depth. Additional lot (No. 2) purchased from Mary E. Gies. Deed dated October 7, 1901. Commencing at a point on the west line of Douglass street 114 feet north of Twenty-fourth street; thence north on the west line of Douglass street 25 feet by west 125 feet in depth. Additional lot (No. 3) commencing at a point on the west line of Douglass street, 64 feet north of Twenty-fourth street; thence north on Douglass street, 50 feet, by west 125 feet in depth from Mary Tobener, Sept. 6, 1901. Additional lot (No. 4) purchased from James M. Curtin, deed dated September 6, 1901. Commencing at a point on the northwest corner of Twenty-fourth and Douglass streets; thence north 64 feet, west 125 feet, north 50 feet, west 51 feet 8 inches, south 114 feet, east 176 feet, 8 inches. Additional lot (No. 5) purchased from Eliz. Overend for $2,050. Commencing at a point on the south line of Elizabeth street, 125 feet west of Douglass street; thence west on Elizabeth street, 51 feet 8 inches, by south 114 feet, in depth.

Oral School for Deaf—Located in a classroom of the Golden Gate School.

Oriental Public School—Temporary frame building, 5 rooms. Clay street, near Powell street, 50 vara block, No. 137.

Pacific Heights School—Frame building, 19 rooms; cost $31,270; Jackson, between Fillmore and Webster streets. Lot in block 318, W. A., 137½x137½ feet. May 17, 1909, from Mary W. Shannon, lot west line of Jackson street, 113 feet west from Webster street, west 24½ feet by north 90 feet, Western Addition, block 318, $11,500. June 1, 1909, from Lillie E. Lincoln, north side of Jackson street 112 feet east of Fillmore street, east 25½ feet by north 127 feet 8¼ inches, Western Addition, Block 318, $12,000.

Parkside School—On Taraval street, near Thirteenth Avenue. Lot in O. L. block 1114, 150x240 feet; 1 room, frame building; value $1,700.

Paul Revere School—Frame building, 2 rooms; cost $1,401.58; corner Corbett Road and Ocean Avenue. Cost $1,401.58. Lot in San Miguel, 100 feet by 240 feet.

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Polytechnic High School—Temporary frame building, 16 rooms. Frederick street, near First Avenue. Lot purchased from the City Realty Company, July 31, 1905, for $65,000. Western Addition, block No. 740. Commencing at a point on the south line of Frederick street 121½ feet east from First Avenue; thence in a southerly direction 175 feet; thence at a right angle easterly 1 foot 6 inches; thence at a right angle southerly 100 feet to a point in the north line of Carl street 151½ feet of First Avenue; thence easterly along Carl street 464 and 8-12 feet to a point 269 4-12 feet west of Willard street; thence northerly 278 5-12 feet to a point on the south line of Frederick street 226 11-12 feet West of Willard street; thence west along south line of Frederick street 505 10-12 feet to point of commencement.

(Main building) 3-story, 61-room, attic and basement. Class "C" building;

(Shop building) 2-story, 13-room, shops and drafting rooms, Class "A" building.

Appropriation $600,000. Contracts for construction of shop buildings awarded. Spent to date $202,919.22.

Portola School—Bacon street, between Berlin and Girard streets; 2-story, 18 rooms, "Special Construction" building. Occupied April 22, 1910. Cost $97,042.23. Lot in University Mound survey, 50 feet by 120 feet. Additional block purchased from P. J. Kennedy, August 22, 1905, for $5,000. University Mound survey, block 12. Commencing at a point formed by the intersection of the northwesterly line of Bacon street, in the southwesterly line of Girard street, running thence northwesterly along Girard street 200 feet and thence at a right angle 240 feet to Berlin street; thence at a right angle southeasterly and along Berlin street 200 feet to the northwesterly line of Bacon street; thence at a right angle 240 feet to the southwesterly line of Girard street and point of commencement being the southerly half of block No. 12, University Mound Survey.

Redding School—Temporary frame building, 12 rooms. Pine street, between Polk and Larkin streets. Lot in block 14, W. A., 200x120 feet.

Rincon School—Temporary frame building, two rooms. Lots in 100 vara block 358; Silver street, between Second and Third streets. Lot No. 1, 88x70 feet; lot No. 2, 100x185 feet.

Rochambeau School—New building, 12 rooms; cost $37,000; Twenty-fifth Avenue and California street, block 95, 150x240 feet.

Roosevelt School—Frame building, 17 rooms, costing $31,216. First Avenue, near Point Lobos Avenue. Lot in Academy of Science block W. A. block No. 647, O. L. R. 157 feet 7 inches by 240 feet. The Board of Education has permission to use this lot for school purposes.

San Francisco Commercial High School—Grove street, between Polk and Larkin streets; 3-story, 31-room and basement Class "A" building. Occupied by Board of Education, December 14, 1910. Cost $261,635.28. Lot in block 3, W. A., 137½x120 feet. January 18, 1909, from F. Siefke, north line Grove street 100 feet west of Larkin street, 37½ feet by 120 feet, Western Addition, block No. 3, $15,000. February 8, 1909, from Dorothea Fassman, west line of Grove street 112½ feet east from east line of Polk street, east 25 feet by 137½ feet, Western Addition, block No. 3, $9,800. June 21, 1909, from Chas. Worth, lot north line Grove street, 82½ feet east of Polk street, east 30 feet by north 120 feet, Western Addition, block No. 3, $12,000.

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Sheridan School—Capitol Avenue, between Farallones and Lobos; 2-story, 18-room and basement "Special Construction" building. Occupied by Board of Education, December 12, 1910. Cost $105,749.60. Lot in block S, Railroad Homestead Association 100 feet by 125 feet. Lot 7, May 10, 1909, from W. S. Benthame, lot northwest corner of Farallones and Capital Avenue in block L, Railroad Homestead Association, $3,450. September 23, 1908, from Welthy and Wm. S. Stafford, north side of Minerva street 150 feet west of Plymouth street; thence west on Minerva street 50 feet by north 125 feet. November 29, 1909, from Adolph Mueller, Caroline Bauer, admx. Wm. T. and Edward Bauer, interest and improvement in lot southwest corner of Capitol Avenue and Lobos street, 50 feet by 125 feet, in R. R. Homestead Association, block L, $6,300.

Sherman School—Frame building, 14 rooms. Union street, near Franklin. Lot in block No. 117, W. A., 137½ feet by 137½ feet.

Spring Valley School—Washington street, between Hyde and Larkin streets; 2-story, 14-room and basement "Class "A" building. Now in course of construction. Cost $118,595.67. Temporary frame building, 9 rooms, Broadway, near Polk street. Lot in block 21, W. A., 137½ feet by 137½ feet. May 24, 1909, from Margaret and Catherine Matthews, lot south line of Jackson street 137 feet 6 inches east from Larkin street, east 68 feet 9 inches by 137½ feet, $15,250. From Samuel Polack, lot south line of Jackson street 137 feet 6 inches west of Hyde street, west 34 feet 4½ inches by 137 feet 6 inches, 50 vara block 302, $6,975. July 19, 1909, from Edward P. McGeeney, et al., lot south line Jackson, 171 feet 10½ inches, west of Hyde west 34 feet 4½ inches, by south 137 feet 6 inches, $9,100.

Starr King School—Temporary frame building, 9 rooms, San Bruno Avenue, near Twenty-fifth street. Commencing on the east line of Utah street 100 feet south from Twenty-fifth street, thence south on Utah street 100x200 feet in depth to San Bruno Avenue, being lots 13, 14, 15, 16, 25, 26, 27, 28, in Potrero block No. 85. January 8, 1912 from Margaret Hayden et al. lot S. E. corner 25th and Utah streets 125 ft. on 25th and 100 ft. on Utah street (Bonds 1904) $4,500.

Sunnyside School—New class C building. Cost $30,000. Sunnyside block No. 219. Additional lots 10 and 24, inclusive, Sunnyside tract. Purchased from the Sunnyside Land Company, July 9, 1902. June 22, 1908, bought from Monarch Mutual Building and Loan Association sewer right of way for Sunnyside School portion of lot 23, Sunnyside, block 47, $400.

Sutro School—Thirteenth Avenue, between California and Clement streets; 2-story, 18-room and basement "Special Construction" building. Occupied by Board of Education, July 25, 1910. Cost $101,341.49. Lot in block 179; west of First Avenue; 150x240 feet. January 18, 1909, from F. C. Fish and J. J. Higgin, lot on west line Twelfth Avenue 200 feet south from California street, 25 feet by 140 feet, in block 170, $7,100.

Ungraded School—Temporary frame building. 10 rooms. Union street, near Kearny street. Lot in 50 vara block 62, 137½x137½ feet.

Visitacion Valley School—Visitacion Avenue, between Leland and Schwerin streets; 2-story, 12 rooms, "Frame" building. Cost $46,623.88.

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Washington Grammar School—New steel-brick building; 20 rooms and auditorium. Cost approximates $118,944. Washington and Mason streets. Lot in 50 vara block No. 188; 137½x137½ feet. Additional new lot No. 1; purchased from the estate of Louise C. Kauffman, March 10, 1905, for $7,500. Commencing at a point on the southerly line of Washington street, 137 feet 6 inches northerly from the southwest corner of Mason and Washington streets; thence southerly 137 feet 6 inches by west 34 feet 4½ inches, being a portion of 50 vara, lot 188. Additional new lot No. 2, purchased from Julie Dunnier and others, July 12, 1905, for $9,500. Commencing at a point on the southerly line of Washington street, distant 170 feet 10½ inches from the southwest corner of Mason and Washington streets; thence northerly 34 feet 4½ inches by south 137 feet 6 inches in depth, being a portion of 50 vara, lot 188.

Washington Irving School—Temporary frame building, 6 rooms. Broadway, between Montgomery and Sansome streets. Lot in 50 vara block No. 47, 68¾ x137½ feet.

Winfield Scott School—Building cost $42,206.43. Lombard street, between Broderick and Baker streets. Lot in block No. 553, W. A.; 137½x137½ feet.

Yerba Buena School—Building cost $59,206.43. Greenwich street, between Webster and Fillmore streets. Lot in block No. 325, W. A.; 137½x120 feet. February 23, 1909, from McEwen Bros. lot Webster and Greenwich streets west 137½ feet by 120 feet in Western Addition, block No. 235, $17,000. $30,000 of the above cost were contributed by the school children of the United States immediately subsequent to the Great Fire of 1906.

LIST OF UNOCCUPIED PROPERTIES BELONGING TO SCHOOL DEPARTMENT.

Lot in 50 vara block No. 220; northwest corner Bush and Taylor streets; 137½x137½ feet.

Lot in 50 vara block No. 286; Golden Gate Avenue, near Hyde street; 110x137½ feet.

Lot in 100 vara block No. 348; Tehama street, between First and Second streets, irregular in size; about 118x155 feet.

Lot in 50 vara block No. 160; Powell street, between Washington and Jackson streets; 68¾x137½ feet.

Lot in Mission Block No. 8; 137½ feet x 137½ feet.

Lot on Bush street, between Larkin and Hyde streets.

Precita Valley School, August 21, from George Miller, commencing W. line Alabama street 90 ft. S. from Norwich, S. 25 ft. x 110 ft., lot 168, Precita Valley lands. (Bonds of 1904), $3,700.

Precita Valley School, August 21, from Roger R. Vair, Lot commencing S. W. corner Alabama and Norwich streets, S. 90, W. 110 ft., S. 50 ft. W. 110 ft. North 140 ft. E. 220, lots 166, 167, 168, Precita Valley lands. (Bonds 1904), $10,300.

Precita Valley School, November 6, 1911, from Frances A. Curran, Lot W. line Alabama street, 115 ft. S. Norwich street. S. 25 ft. x 100 ft. (Bonds 1904), $4,800.

December 4, 1911 (Jackson Primary) from C. W. Moores, agent, N. line Hayes, 140 ft. 6 inches W. from W. line Clayton street, W. 122 ft. x 275 ft. W. A. block 685, (Bonds 1904), $37,500.

Lot in 100 vara block 371; Fifth street, near Market; 275x275 feet. Leased to Wise Realty Company (later merged into the Lincoln Realty Company) for thirty-five years, at a total rental of $2,835,000, as follows: for the first five years, a rental of $3,780 per month, and for the remaining thirty years, a rental of $7,245 per month.

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Lot in Mission block No. 21; West Mission street, between Herman and Ridley streets; 133¾x137½ feet.

Lot in 50 vara block No. 118; corner Bush and Stockton streets; 137½x137½ feet; 50 vara, lot 301.

Lot in Mission Block No. 72. Commencing at a point formed by the intersection of the southerly line of Nineteenth street with the easterly line of Angelica street, running thence southerly along said easterly line of Cumberland Place; thence easterly along said northerly line of Cumberland Place and Cumberland Place Extension 183 feet; thence at a right angle northerly 91 feet; thence at a right angle northerly 50 feet; thence in a northwesterly direction 118 feet 2½ inches to a point in the southerly line of Nineteenth street, which point is distant easterly 102 feet from the southeasterly corner of Nineteenth and Angelica streets; thence westerly along said southerly line of Nineteenth street 102 feet to the point of commencement. Purchased from His Grace P. W. Riordan, Roman Catholic Archbishop of San Francisco, for $33,625, as an alternate site for the Marshall Primary school. Recorded in Book 128 of Deeds, page 251, new series.

Lot in 50 vara block No. 119; Post street, between Grant avenue and Stockton streets; 70x122½ feet. Leased at an average of $911.42 per month.

Total rental, 35 years	$382,800.00
Average rental, per month	911.42
Graduated Rentals—Leases commenced December 16, 1908:	
First 4 months of lease, per month	$ 250.00
Second 4 months, per month	300.00
Third 4 months, per month	350.00
Second year, per month	400.00
Third year, per month	450.00
Fourth year, per month	500.00
Fifth year, per month	550.00
Sixth year, per month	650.00
Seventh year, per month	700.00
Eighth year, per month	750.00
Ninth year, per month	800.00
Tenth year, per month	850.00
Eleventh year, per month	900.00
Twelfth year, per month	900.00
13th and 14th years, per month	950.00
15th year, per month	1,000.00
16th to 25 years, inc., per month	1,000.00
26th to 35th years, inc., per month	1,125.00

Lot in 50 vara block No. 182, on northeast corner Taylor and Vallejo streets; 137½x137½ feet.

Lot in 50 vara block No. 302, on Washington street, between Hyde and Leavenworth streets; 137½x137½ feet. (Site of new Spring Valley School.)

Lot in Mission Block No. 61, on Nineteenth street, between Mission and Howard streets; 137½x137½ feet, less 60 feet included in Capp street. Title in litigation.

Lot in block No. 29, W. A., on south side of Francisco street, between Larkin and Polk streets; 137½x137½ feet.

Lot in block No. 111, W. A., on south line of Bay street, between Franklin and Gough streets; 137½x137½ feet. In litigation.

Lot in block No. 123, W. A., on south line of Washington street, between Franklin and Gough streets; 137½x137½ feet.

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Lot in block No. 253, W. A., on south line of Geary street, between Jones and Leavenworth streets; 102½x137½ feet. (Present location of school repair shop.)

Lot in block No. 465, W. A., on north line of Jackson street, between Scott and Divisadero streets; 137½x137½ feet.

West of First Avenue and north of the Park, the School Department owns property as follows.

(All not otherwise stated are 150x250 feet.)

Block 152; Thirty-first avenue, between California and Clement streets, $10,000.

Block 164; Nineteenth Avenue, between California and Clement streets, $17,000.

Block 242; Forty-third avenue, between Point Lobos avenue and A street, $7,000.

Block 248; Thirty-seventh avenue, between Point Lobos avenue and A street, $8,000.

Block 254; Thirty-first avenue, between Point Lobos avenue and A street, $8,000.

Block 260; Twenty-fourth avenue, between Point Lobos avenue and A street, $10,000.

Block 266; Nineteenth avenue, between Point Lobos avenue and A street, $15,000.

Block 272; Thirteenth avenue, between Point Lobos avenue and A street, $18,000.

Block 278; Seventh avenue, between Point Lobos avenue and A street, $22,000.

Block 339; Forty-third avenue, between B and C streets, $3,000.

Block 345; Thirty-seventh avenue, between B and C streets, $4,000.

Block 351; Thirty-first avenue, between B and C streets, $4,000.

Block 357; Twenty-fifth avenue, between B and C streets, $3,500.

Block 363; Nineteenth avenue, between B and C streets, $18,000.

Block 369; Thirteenth avenue, between B and C streets, $12,000.

Block 395; Sixteenth avenue, between C and D streets, $8,000.

Block 407; Twenty-eighth avenue, between C and D streets, $6,000.

Block 418; Twenty-ninth avenue, between C and D streets, $6,000.

Also west of First avenue and south of the Park, as follows:

(All not otherwise stated are 150x240 feet.)

Block 673; First avenue, between I and J streets; 107x178 feet, $16,000.

Block 690; Nineteenth avenue, between I and J streets, $10,000.

Block 696; Twenty-fifth avenue, between I and J streets, $7,000.

Block 702; Thirty-first avenue, between I and J streets, $7,000.

Block 708; Thirty-seventh avenue, between I and J streets, $4,000.

Block 775; Eighth avenue, between K and L streets, $15,000.

Block 786; Nineteenth avenue, between K and L streets, $12,000.

Block 792; Twenty-fifth avenue, between K and L streets, $6,000.

Block 798; Thirty-first avenue, between K and L streets, $4,000.

Block 804; Thirty-seventh avenue, between K and L streets, $4,000.

Block 810; Forty-third avenue, between K and L streets, $4,000.

Block 872; Thirteenth avenue, between M and N streets, $7,000.

Block 878; Nineteenth avenue, between M and N streets, $9,000.

Block 884; Twenty-fifth avenue, between M and N streets, $4,000.

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Block 890; Twenty-first avenue, between M and N streets, $4,000.

Block 896; Thirty-seventh avenue, between M and N streets, $4,000.

Block 902; Forty-third avenue, between M and N streets, $2,000.

Block 952; Ninth avenue, between O and P streets; irregular, 147½x182 feet, $4,000.

Block 957; Thirteenth avenue, between O and P streets, $3,000.

Block 963; Nineteenth avenue, between O and P streets, $6,000.

Block 969; Twenty-fifth avenue, between O and P streets, $5,000.

Block 975; Twenty-first avenue, between O and P streets, $4,000.

Block 981; Thirty-seventh avenue, between O and P streets, $3,500.

Block 987; Forty-third avenue, between O and P streets, $3,500.

Block 1,038; Thirteenth avenue, between Q and R streets, $3,000.

Block 1,044; Nineteenth avenue, between Q and R streets, $7,000.

Block 1,050; Twenty-fifth avenue, between Q and R streets, $3,000.

Block 1,056; Thirty-first avenue, between Q and R streets, $3,000.

Block 1,062; Thirty-seventh avenue, between Q and R streets, $3,000.

Block 1,068; Forty-third avenue, between Q and R streets, $4,000.

Block 1,120; Nineteenth avenue, between S and T streets, $6,000.

Block 1,126; Twenty-fifth avenue, between S and T streets, $5,000.

Block 1,132; Thirty-first avenue, between S and T streets, $4,000.

Block 1,138; Thirty-seventh avenue, between S and T streets, $5,000.

Block 1,144; Forty-third avenue, between S and T streets, $4,000.

Block 1,186; Fourteenth avenue, between U and V streets; irregular 161x92½ feet, $3,000.

Block 1,191; Nineteenth avenue, between U and V streets, $6,000.

Block 1,197; Twenty-fifth avenue, between U and V streets, $5,000.

Block 1,203; Twenty-first avenue, between U and V streets, $5,000.

Block 1,209; Thirty-seventh avenue, between U and V streets, $4,000.

Block 1,215; Forty-third avenue, between U and V streets, $4,000.

Block 1,258; Nineteenth avenue, between W and X streets, $4,000.

Block 1,264; Twenty-fourth avenue, between W and X streets, $3,000.

Block 1,276; Thirty-seventh avenue, between W and X streets; irregular; 125 feet 10 inches by 240 feet, $4,000.

Block 1,282; Forty-third avenue, between W and X streets; irregular; 11 feet 2 inches by 240 feet, $300.

LOTS IN POTRERO.

Block 46; York street, between Fifteenth and Alameda streets; 100x200. Rented at $2 per month.

Block 127; Vermont street, between Eighteenth and Nineteenth streets; 120x200 feet.

Block 149; Kansas street, north of Army street; 150x200 feet, $1,663.

Block 163; Rhode Island street, between Mariposa and Eighteenth streets; 100x200 feet. Rented $2 per month.

Block 226; Arkansas street, south of Twenty-third street; 150x200 feet, $832.

Block 287; Texas street, between Twenty-third and Twenty-fourth streets; 150x200 feet.

Block 391; southwest corner Kentucky and Twentieth street; 150x200 feet.

Potrero block 254, O. L. R., also Potrero block 265, O. L. R., condemned and acquired by Western Pacific Railroad Company for $14,000.

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OTHER OUTSIDE LOTS.

Precita Valley lands; Eve street, between Army and Adam streets; 150x32 feet.

Paul Tract Homestead; Berlin street, between Ordway and Ward streets; 85 feet and 2 inches by 120 feet.

December 21, 1908, from Joseph B. and Carlotta L. Keenan, all of block No. 132 of University Mound Homestead Association, excepting one lot 25 feet by 100 feet on Pioche street, and one on Cambridge street, 25x120 feet, $8,250.

WITHIN THE PRESIDIO WALL.

Block 553, W. A. Commencing on the north line of Lombard street, 137½ feet west from Broderick street; thence west on Lombard street, 137½ feet by 137½ feet in depth. Lot 2. Outside Land Reservation.

Block 810, W. A. Commencing on the north line of Broadway, 137½ feet west from Walnut street; thence west on Broadway, 137½ feet by 137½ feet in depth. Lot 2. Outside Land Reservation.

Block 841, W. A. Commencing on the north line of Pacific avenue, 137½ feet west from Maple street; thence west on Pacific avenue, 137½ feet by 137½ feet in depth. Lot 2. Outside Land Reservation.

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REPORT ON CHILDREN'S SAVINGS BANK SYSTEM, BY SCHOOL DIRECTOR, JAMES E. POWER.

San Francisco, July 1, 1912.

To the Honorable,
The Board of Education.

Ladies and Gentlemen:—It is with extreme pleasure that I have the honor to herewith submit the first annual report on the School Children's Savings Bank System. It is very gratifying indeed to be able to report to this Board that as a result of the hearty cooperation and support of the principals and teachers of this department the system has had a greater success in San Francisco than in any other city of the world, of similar size.

REPORT.

1. INTRODUCTION OF SYSTEM.

In February 1911, upon the recommendation of the undersigned, the members of the Board of Education expressed themselves in favor of the School Children's Savings Bank and advised me to submit a plan of operation to the Board. Shortly after this expression of opinion from the members of the Board, a communication on the subject was received from the Social Science Department of the California Club and said communication was referred to me. Shortly thereafter a conference was held with the Social Science Committee of the California Club. There were also several conferences with Miss Fannie Stockton, a teacher in the department, who had given considerable thought to this work. In addition to these, I conferred with bankers and found that Mr. John Drum of the San Francisco Savings Union had spent considerable time in gathering data and statistics from other cities.

As a result of the above the Board on April 5th, 1911 adopted a resolution ordering the Savings Bank System established in the schools and authorizing the undersigned to submit plan of operation. On May 19th, 1911, partial report on plan of operation was submitted and the Bank of Italy of San Francisco selected as the official depository. On July 19th, 1911, the following report was adopted by the Board:

2. PLAN OF OPERATION.

To the Honorable,
The Board of Education.

Mrs. Kincaid and Gentlemen:—I herewith submit the following report on plan of operation for School Savings System, the same being agreeable to the official depository (Bank of Italy) as follows:

Stamps of the denomination of one cent will be provided; also folders which will hold fifty stamps. When a pupil presents at the bank two of these folders, with fifty stamps affixed to each folder, the bank will issue a pass book showing a deposit of One Dollar. The bank will then accept any further deposits of fifty cents or more that the pupil may desire to make, either with folders or in coin.

All deposits will bear interest at the regular rate of interest allowed by the bank and under the same conditions governing savings deposits.

Folders should not be presented at the bank until they are filled.

Upon opening an account with the bank the pupil should be accompanied either by the parent or guardian, who should act as trustee. To withdraw money from the bank the signature of the trustee will be required. The account is thus placed entirely within the control of the parent or guardian of the pupil.

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No withdrawals should be made for less than One Dollar.

When pupils are removing from the city and have folders partially filled with stamps, the folders will be redeemed by the bank upon an order from the principal of the school.

Neither the School Department nor the Bank will be responsible for filled or partially filled folders which may be lost, stolen or destroyed.

RECEIVING DEPOSITS FROM PUPILS AT SCHOOL.

The pupils' savings will be collected by the teacher once a week, during the first half hour at school, on a day to be designated.

The teacher's report of these collections will be made in duplicate on blanks furnished for the purpose, and will show the name of each pupil depositing and the amount deposited. The report in duplicate, together with the total amount called for, will be handed at once by the teacher to the principal of the school.

During the day on which collections are made a representative of the bank will call upon the principal of the school, will check up the reports of the teachers with the amount of money turned over by the principal, and receipt for same, at the same time handing to the principal the equivalent in stamps. The principal will then return to the teacher the latter's duplicate report receipted, accompanied by stamps to the amount called for. The teacher will then distribute the stamps to the pupils to be affixed by them to their folders. By this method both principal and teacher will avoid the responsibility of keeping pupils' money in their possession and accounting for stamps.

I would respectfully recommend that the system be put in effect at the opening of the fall term, the first week of school to be taken up with instruction by myself and representative from the bank on the plan of operation, and deposits to be taken commencing August 1st.

Very respectfully yours,

JAMES E. POWER.

In carrying out this plan the schools were districted and collections are made from sixteen to eighteen schools daily, thus all day schools are visited by the collector once a week. In order to carry out this system the Bank of Italy has to engage an automobile, a chauffeur and a collector, which cost approximately $300 a month.

The system has worked perfectly and it is gratifying to report the following results.

Total Deposits in School Savings Department in accounts of $1.00 and over	$54,557.86
Total Amount of Stamps outstanding same date	13,629.51
Total	$68,187.37
Total amount of accounts same date	7,604
Approximater number of pupils having stamps who have not as yet opened an account	2,000
Total number of pupils with school savings acct.	9,604

Average daily enrollment of pupils in schools where the system is in effect June 30, 1912—39,257.

The above figures show practically one out of every four pupils has commenced to acquire a bank account and thus realized the value of thrift and saving as a result of the introduction of this system.

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We can probably go further and estimate that perhaps 5,000 of our pupils had a savings account before the adoption of this system. These did not necessarily open new accounts so that we would probably be safe in saying that one out of every three children attending our schools is now blessed with a savings account.

4. SUMMARY.

The above figures speak volumes for the future welfare and comfort of thousands of our rising generation and they show further that the children of San Francisco are second to none in the world in appreciating the value of thrift and saving.

No small amount of credit is due our good principals and teachers for the manner in which they have instilled into the minds of those in their charge the value of saving.

The Board of Education as well as all of those that were in any way interested in the introduction of this system into the schools may be proud of its success.

In conclusion I wish to say that the Bank of Italy has carried on the work of collecting deposits and keep the proper accounts of same at considerable cost to themselves, as the difference in the rate of interest, 4%, paid to the pupils on deposits and the rate they may be able to place the money at cannot be more than 2 or 3%. Thus on $70,000 they would net 2½ per cent $1,750 a year whereas their expenses amount to approximately $4,000 a year. Thus it will be seen that they handle this business at a loss, which will not be overcome until the present deposits have more than doubled. Therefore I must say that the officials of this bank have shown an excellent spirit and an interest in the future welfare of the youth of this city by continuing to make this sacrifice.

Respectfully submitted,

JAMES E. POWER,
Member Board of Education.

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REPORT OF THE SUPERVISOR OF DOMESTIC SCIENCE.

San Francisco, June 28, 1912.

Mr. Alfred Roncovieri,
Superintendent of Schools,
San Francisco, Cal.

Mr. dear Mr. Roncovieri:—I beg to submit the report of the domestic science department for the school year 1911-1912.

The following is a brief summary of the principal data about the department:

Fall Term:—Teachers: One supervisor, ten teachers. Equipment: Thirteen cooking laboratories, one lunch kitchen.

Average monthly enrollment in cooking classes 2,731.27.

Cost of supplies and laundry for cooking classes, $1,422.53.

Cost of supplies for lunch kitchen, $170.265.

Total cost of supplies for domestic science department $1,492.795.

Average number of meals served daily at Ethan Allen lunch kitchen, 49.

Average cost of supplies per meal $0.026.

Average number of baths supervised daily by domestic science teacher at Ethan Allen School, 14.

Number of visits to cooking laboratories and lunch kitchen; from officials 94; from other 1,594.

The School Board has equipped the cooking laboratories during the past year. We have now twenty-three laboratories or centers, and, at the end of the spring term, had an enrollment of 2,671 Seventh and Eighth Grade girls, 79.6% of whom we taught in their own school buildings.

In the fall term 1908 we had an enrollment of 1,635 pupils, 89.1% were taught in their own schools. The rest had to travel to distant centers. There were also at that time, 917 girls entitled to lessons who were not getting them because we lacked room.

The new centers were opened one at a time when the equipment was ready. This has been a hardship for both domestic science and grade teachers. Indeed, reorganizing a class schedule in mid-term is much like swapping horses while crossing a stream.

However, these changes have been effected with little friction, and excellent proof, I think, of the spirit of co-operation that exists between the different branches of the service.

The new centers are satisfactory to us and have been admired and copied by visiting teachers and superintendents.

During the past year several firms have made valuable gifts to the domestic science department. Some of these have been food stuffs for use in the cooking classes, and others have been educational exhibits, showing food production and manufactures.

We have received almost three thousands pounds of flour from the Globe Grain and Milling Co., four cases of Royal Baking Powder from the Johnson-Locke Mercantile Company, a case each of baking powder, baking soda, spices and extracts from A. Schilling Company, a case of dry milk from the 3 C Dry Milk Company, about two cases of Califene from the Western Meat Co., four cases of Cottolene from N. K. Fairbanks Co., and about one thousand yeast tickets from the Golden Gate Yeast Co.

We have received educational exhibits from seventeen firms, and have, in several centers, the beginnings of food museums that promise to be notably good.

The following is a brief outline of the course given in the cooking classes:

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A-SEVENTH.

I. Study of the five food principles, proteids, carbohydrates, fats and oils, mineral matter and water.

II. Study of carbohydrates, sugars and starches. Practical work; (a) cooking of fruit, fresh and dried, (b) cooking of potatoes, cereals, sago, vegetables and macaroni.

III. Study of flour, leavens and leavening agents. Practical work: Making of quick breads.

B-SEVENTH.

IV. Study of yeast. Practical work, bread-making.

V. Study of proteid foods, eggs, fish, meat and legumes. Practical work; (a) soft and hard cooked eggs, omelets, custards. (b) Cooking of tender meat, broiling and roasting, cooking of tough meats, scrip-stock, stews. (c) Broiling, frying and baking of fish. (d) Bean, pea and lentil soups.

VI. Invalid Cookery (a) Liquid, soft and light diet, (b) Preparing a tray for an invalid.

VII. Salads. Practical work, French and cooked dressing, potato salad.

VIII. Cake making. Practical work; Cookies, cup-cakes and sponge cakes.

IX. Pastry. Practical work: Apple and lemon pies.

X. Beverages. Practical work: Tea, coffee, cocoa.

In the Eighth Grade the same food principles are studied, and the same principles of cookery are demonstrated in a more extended form.

The pupils are also taught something of the many things that go to make up the art and the science of home making.

At the end of each term the girls of the graduating classes give "teas" to their parents and teachers. This gives them the opportunity for "group work" so highly commended by school people, and brings teachers and parents together pleasantly.

In conclusion I would like to thank you and your deputies and the members of the present Board of Education for the courtesies that I have received.

I would also like to express my appreciation for the loyal and friendly co-operation that I have always received from my fellow teachers.

Respectfully yours,

(Signed) ELLEN M. BARTLETT,
Supervisor of Domestic Science.

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REPORT OF MRS. AMY WATERS DEANE, DIRECTOR OF MUSIC IN HIGH SCHOOLS.

Honorable Alfred Roncovieri,
Superintendent of Common Schools,
San Francisco, Cal.

Dear Sir:—It affords me great pleasure to inform you in this my second official report, that two very important and radical advancements have been made in the past year in the Musical Curriculum of the High Schools. The first, allowing credits for work done outside of school hours. The Board of Education passed a resolution to this effect and after a number of conferences when the subject was given careful and earnest consideration, the Committee, consisting of Superintendent Roncovieri, Deputies Cloud and Heaton, Dr. Scott, Principal of Girls' High School and Mrs. Deane, a system of crediting was adopted which has proven eminently satisfactory. Although from time to time adverse criticism has been made on the comparative limitation of music done in the High Schools in our city, yet I think that I am safe in asserting that San Francisco is the first to find a practical solution of the outside music marking. Briefly, a card is sent monthly to both parent and private teacher with blanks to be filled in as to time given to lessons and practice and general remarks as to advancement. These cards in conjunction with a careful examination by a specially appointed teacher, form the basis of this report of musical standing.

The second step of great musical value to the young artistic aspirant of our High School was the forming in the early days of April of a High School Orchestra under the leadership of Hon. Alfred Roncovieri. This orchestra is formed from the musical executants of the five High Schools. Although each High School has its absolutely separate ambition to excel, in this subject alone, consistently and logically, harmony prévails, it being a thoroughly interscholastic pride that prompts the effort to make this Orchestra a credit to the High Schools of San Francisco. Although there had been but six rehearsals at the time of graduation the work done at the closing exercises of the different schools was up to a positively professional standard. The members of the orchestra are both talented and enthusiastic and unmistakably devotedly gratified to Mr. Roncovieri who has so kindly and generously given his time to their advancement. On his arrival each Friday nothing short of an ovation is tendered him, the young executants being keenly aware of the professional and musicianly leadership afforded them gratis. I doubt that in the United States there is another Superintendent of Public Instruction who can bestow this great and far-reaching privilege on any class of students under his jurisdiction. In closing my report I wish to express my thanks to the members of the Board of Education who have so unfailingly supported me in my efforts to make my department a success and to the Principals and Teachers of the five High Schools who have helped to smooth the path in this hitherto untrodden road, Music in the High Schools.

Respectfully submitted,

(Signed) AMY WATERS DEANE.

August 4th, 1912.

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REPORT OF THE SUPERVISOR OF MUSIC.

San Francisco, June 30, 1912.

Mr. Alfred Roncovieri,
Superintendent of Schools,
San Francisco, Cal.

My dear Sir:—In reply to your request for a report from the Music Department of the City Schools I submit the following:

I am pleased to inform you that there has been a progression in the work during the past year.

There has been a growth in musical feeling and musical power.

I find that the class work has grown more systematic, and shows intelligent unedrstanding on the part of the teachers.

Many teachers have a genuine musical interest which creates a response in the child, and lends an artistic charm to the work.

Considering the very limited time allowed for Music in each grade, and considering how few children enter school with acute tone perception and good voice production, the results are remarkable.

I often ask myself these questions: "Do parents realize what is being done for their children in a musical way? Do they realize how many children come to school with no knowledge of tone? Do they appreciate the patient endeavor and skill that is put forth daily by the teachers to accomplish results?"

The greatest forethought is given to the subject of the musical development of the child in the Public Schools, and thus the child is helped physically, mentally and spiritually.

To produce and appreciate good tone, to perceive quickly correct tone, to be capable of expressing emotion through tone, to create a genuine love of good music this is the aim, always remembering that through such Music Study we have a great means for deepening and enriching the spiritual nature of the child.

The history of the race development becomes the history of the Child development. The ancients expressed themselves through song and dance and in the lowest grades the child is given the motion song—"rythm and expression" to arouse the Elemental Emotions.

Upon this foundation we build our structure,—songs of interest, Home, Nature, God, always remembering that sweet voices should be used, produced by natural breathing and good vocal habits. Thus through the pure voice, the heart of the child can speak, and through the great and good songs of the Nations, the child feels deeply the various emotions.

Ear training and sight singing provide mental drill and give delight in part singing, and the great works in Music, while the oral and written dictation are steps in the development of creative power and give an impetus toward composition.

At the graduations, have been given in part, such songs as "The Two Grenadiers" by Schumann; "Intermezzo" Cavelleria Rusticana; "Sextette", Lucia; "Pilgrims' Chorus", "Soldiers' Chorus", Faust; "Lift Thine Eyes"; "Miserere" and other selections from Il Trovatore; "Thou'rt Like A Flower", Liszt; "Spring Song" by Mendelssohn; Handel's "Largo". Besides these, the folk songs and patriotic songs have been given. In the Cosmopolitan Schools the songs are sung in French, Spanish, German and Italian.

An audience of twenty thousand were delighted when three hundred little children of the second, third and fourth grades of the Garfield School marched from Telegraph Hill and sang under my direction at Kearny and Market Streets in honor of placing a tablet on Lotta's Fountain in memory of the songs sung by Madame Tetrazzini on the same spot Christmas Eve.

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The children sang "Anvil Chorus", "Intermezzo" and patriotic selections. The sweetness and clearness of the childrens' voices were remarked by all, and the children followed my slightest gesture. Madame Tetrazzini sent for me at the Palace Hotel and said, "No where in the world do the children sing so sweetly as they do in San Francisco."

Dedications of a number of new school houses have taken place on Sundays and the songs on these occasions have been led by the Supervisor or Assistant Supervisor.

A number of Mothers' Clubs have been addressed by me on the subject of School Music.

In January the work was outlined for the year to the one thousand teachers in a series of eight meetings.

One of the most interesting phases of the work this year has been a study of the recognition of well known melodies such as "Anvil Chorus" and "Home to Our Mountains" from Il Trovatore; "Toreador", Carmen; "Pilgrims' Chorus"; Sextette", Lucia; "Who is Sylvia", Schubert; and Schubert's "Serenade", "Traumeri", Schumann, etc.

In every way the Study of Music is encouraged and all children are asked to attend concerts, to study piano or other instruments, and to cultivate the voice.

The Henry Hadley Symphony Concerts were talked of and introduced by using two of Henry Hadley's songs in the Eighth Grade.

Talks of the orchestral instruments were given as well as simple sketches of lives of composers.

In a large department some schools need to be helped more than others, consequently some schools have been visited frequently, others not so often. Where the regular teacher does the work systematically, then the work speaks.

In some places where teachers cannot do the work, Principals see that teachers who are musical teach the classes.

In a number of schools special teachers take charge of classes where teachers are not capable. There are about thirty such teachers in the various schools.

I am grateful that new pianos have been installed in the new schools.

I wish to recommend the following:

(a) That two pianos be given to each large school.

(b) That in transferring and assigning teachers, that the musical ability of the teacher be taken into consideration with the musical need of the school.

(c) That a piano be bought for the office of the Supervisor of Music, as one is needed for the instruction of teachers.

(d) That special notices be sent to the children about the Symphony Concerts for the coming season by the Board of Education.

(e) That the Superintendent send to schools supplementary books, "Stories of Great Musicians" by Hurne and Scobey.

(f) That some octavo music be allowed the schools for Supplementary work to be selected by the Supervisor.

I wish to mention the good work of the regular teachers, and the cordial support given to me and the Music Department by the Principals, of the excellent work done by the Assistant Supervisor, Mrs. McGlade, and the special teachers of the various schools.

Thanking the Superintendent, the Deputy Superintendents and the Board of Education for their co-operation and kindness, I am,

Sincerely yours,

(Signed) ESTELLE CARPENTER,
Supervisor of Music.

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ANNUAL REPORT OF THE SUPERVISOR OF LECTURES TO THE BOARD OF EDUCATION FOR THE SCHOOL YEAR ENDING JUNE 30, 1912.

San Francisco, July 1, 1912.

To the Board of Education of the City of San Francisco.

Ladies and Gentlemen:

Herewith I respectfully submit my second annual report on Public Lectures, for the school year ending June 30, 1912. During this year 209 public lectures have been given in school halls to audiences aggregating 47,460 persons; an average of 227 per lecture; 33 schools are now equipped with stereopticons and screens. The school department owns over 3,000 slides which are used for stereopticon lectures, and the lecture bureau enjoys cordial relations with a large number of public-spirited lecturers owning slides, and with institutions, such as the Affiliated Colleges of the University of California and the San Francisco Association for the Study and Prevention of Tuberculosis, willing to provide both slides and lectures gratis.

As heretofore, the fields of geography and travel, history and biography, science, hygiene, social topics, music and literature have been touched; the stereopticon and music, vocal and instrumental, have been liberally employed in illustration. These lectures and this music, almost without exception, have generously been given gratis to the people of San Francisco; a list of the volunteers to whom grateful acknowledgment is due would include practically every name on the year's program. Pianos have also, on occasion, been supplied free by Sherman, Clay & Co. The newspapers have regularly announced the lectures as news items, without charge. All this has meant a great saving to the city; so that the total expense of the lecture system for the year—excluding electric current and increased equipment, but including lectures, supervision, operating of lanterns, printing, postage, and the nominal expense fees of lecturers residing outside the city—has been less than $1,500.

The size of the audiences, as well as numerous expressions of approval, would seem to justify this outlay. The value of the lectures on science, geography, and hygiene, merely as information, must have been considerable; even higher should be rated the broadening instruction offered by evenings devoted to travel or to excursions in the high realms of literature, music, and art. Incidental benefits of the work have been, the awakening facilitation of public interest and cooperation in matters of civic concern; the freer meeting of parent, teacher, and pupil; the discovery of several excellent lecturers among our teachers, with consequent reaction upon the school work; and lastly, a beginning in the use of the lecture equipment by the schools in the day time.

The principals of several schools have spoken for the use of lanterns and slides to supplement the course of study; the present working arrangement, however, forbids this in anything like systematic form, and indeed permits only 3 or 4 evening lectures per annum, on an average, in each of the centers already established and equipped. Wise economy would suggest that the equipment, particularly the slides, be increased, and be used in the regular instruction of pupils by day, as well as in the occasional public lecture at night, thus increasing the educational efficiency of the plant ten-fold. This would cost more, but considering the population of the city, not nearly in proportion to what New York City is spending for evening lectures alone; if San Francisco with a population of one-tenth that of New York, should appropriate one-twentieth of the amount annually spent by the latter city on evening lectures alone ($125,000), the resulting sum ($6,000) would enable the Lecture Bureau to continue the evening lectures, opening new centers as required; to acquire a larger

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stock of slides and a collection of select photographs of art subjects for visual instruction; and in addition to extend the lecture system into the schools, where it could be made a highly useful auxiliary in the teaching of history, civics, geography, literature and elementary science.

Perhaps use can also be made of the motion picture in the both schools, and evening lectures, provided really educational films can be secured and the practical difficulties of operation overcome. Here is a new field with large, but as yet undefined possibilities.

These, then, are the next steps; and this policy I respectfully and earnestly recommend.

MILTON E. BLANCHARD,

Supervisor of Lectures.

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EARLY HISTORY OF THE SAN FRANCISCO SCHOOL DEPARTMENT

In 1854 Frank Soule, John H. Gihon and James Nisbet compiled and had published through D. Appleton & Co., a book of 824 pages entitled "The Annals of San Francisco" containing a summary of the history of the first discovery, settlement, progress, and condition of California and a complete history of its great city, San Francisco. This is a most valuable fund of information excellently written and very interesting to any reader especially to one who is a resident of San Francisco. As the book is now difficult to obtain it may be well to incorporate in this report some excerpts from it relating to the origin of the public schools of this City and County.

"The first American school in San Francisco, and we believe in California, was a merely private enterprise. It was opened by a Mr. Marston from one of the Atlantic states, in April, 1847, in a small shanty which stood on the block between Broadway and Pacific Street, west of Dupont St., (Grant Avenue). There he collected some twenty or thirty pupils whom he continued to teach for almost a whole year, his patrons paying for tuition. * * *"

The people of the town at length saw the necessity of some public movement to secure for their children a fit education, and late in 1847, they built a school-house, on the southwest corner of Portsmouth Square, fronting Clay Street, where it is now joined by Brenham Place. Insignificant as the building appears it was destined to subserve more useful purposes than any other than has been erected in the city, and should have been preserved as one of its most valuable relics. Its history was almost an epitome of that of the curious people who built it. Every new enterprise found here a heating oven to warm the egg into successful hatching. Here churches held their first meetings; and here the first public amusements were given. It was the assembly room of early gatherings of Odd Fellows and other benevolent associations; and a universal public hall for political, military, and almost every other description of meeting. It was dignified as a Court House under Judge Almond, designated as an Institute at another period, and at length degraded to a police office and a station house. Its site is only recognized by the thousand cherished associations that hover like spirits around its unmarked grave.

On the 21st of February, 1848, a town meeting was called for the election of a Board of School Trustees, and Dr. F. Fourgeaud, Dr. J. Townsend, C. L. Ross, J. Serrine and William H. Davis, Esquires, were chosen. On the third of April following, these Trustees opened a school in the building just erected under the charge of Mr. Thomas Douglas, A. M., a graduate of Yale College, and an experienced teacher of high reputation. The Board pledged him a salary of $1,000 per annum, and fixed a tariff of tuition to aid toward its payment; * * *. Soon after this, Mr. Marston discontinued his private school, and Mr. Douglas collected some forty pupils. Prior to the opening of the school, the Trustees had taken a census of the town, and ascertained that the population was something over 800 including Indians of which 473 were males, 177 females and 60 children of suitable age for school. Eight months previously the population numbered 375.

The public school prospered and increased for eight or ten weeks when it received a sudden and unforseen check * * *. Rumors of immense and rapidly acquired fortunes, but above all, the exhibition of specimens of the precious ore, drove the whole population to such an intensity of excitement, that it resulted in a general stampede of men, women, and children for the "mines", leaving the teacher minus pupils, minus trustees and town council

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and minus tuition salary. He, therefore, locked the school-house, and, shouldering his pick and pan, himself started for the "diggins". * * * April 23, 1849 Reverend Albert Williams, Pastor of the First Presbyterian Church, obtained the use of the public school-house and opened a private school, charging tuition. He gathered some 25 pupils, and continued teaching until Sept. 20, when on account of the increased demand upon his ministerial service, the school was suspended.

Late in the autumn of 1849 Mr. J. C. Pelton arrived from Maine and Massachusetts and on December 26 opened a school with three pupils in the Baptist Church, on Washington Street, which was generously furnished to him by that society, free of rent. He fitted up the church with the necessary writing tables at his own expense, made no charge, but, for several months depended upon voluntary subscriptions and donations, and the profits on the sale of school books (a lot of which he had brought with him and which he furnished to the pupils), for his compensation, and that of Mrs. Pelton who assisted him."

At this point the history of the First Baptist Church written by John F. Pope, a member from 1849 will be quoted as far as it pertains to the work of Mr. Pelton. "On December 26, 1849, the first free public school was opened in the Church conducted by John C. Pelton and his wife; only three children were present, but by April 1, 1850, 130 children had received instruction.

On March 25, 1850, the following resolution was unanimously adopted by the Council of San Francisco: "Resolved, that from the 1st day of April, 1850, John C. Pelton and Mrs. Pelton, his wife, be employed as teachers for the public school, at the Baptist Church, which has been offered to the Council free of charge, and that the average number of scholars shall not exceed 100; and that they shall be entitled to a monthly salary, during the pleasure of the Council, of $500 per month, payable each and every month."

The school continued to increase, having at one time nearly three hundred pupils in attendance. It continued to occupy the church building until the fire of June 28, 1851. Thus the first Protestant house of worship was the birthplace of the first free public school of California."

To continue the quotation from the annals of San Francisco. "In 1850, the original public school on Portsmouth Square was Vandalised * * *.

In the meantime several other schools were started among them Mr. Osborn's Select School, which was patronized particularly by the Presbyterian Church; Rev. Mr. Preveaux's San Francisco Academy under the management of persons belonging to the Baptist Church; Dr. Ver Mehr's Episcopal Parish School; and several small primary schools in different portions of the city. In June, 1850, Col. T. J. Nevins, then agent of the American Tract Society for this Coast, applied to Messrs. Mellus and Howard, and obtained the free use of a building in Happy Valley at the corner of Mission and Second Sts. for school purposes, employing Mr. Samuel Neuton from Connecticut, as teacher, who opened, July 13, and conducted a school for a few months when his place was, for a short time, supplied by Mr. L. Rogers, and subsequently by Mr. Cooley and Hyde and who took charge of it until the Spring or Summer of 1851 at which time it was suspended * * *. It was called the Happy Valley public school. From a small beginning it had increased to nearly 200 pupils. In January, 1851, Colonel Nevins procured a fifty vara lot at Spring Valley, on the Presidio Road, and erected, principally at private expense, a large and convenient building, employed a teacher and opened a free school, which during the first quarter was sustained wholly by voluntary contributions * * *. The house and lot were leased to the city for free school purposes for ninety-nine years, for a rent of not less than $700 for the entire time or about 57 cents per month. The situation is delightful being shaded by a grove of evergreens on a magnificent road, and sufficiently removed from the

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noise and bustle of the living mass, to prevent their interference with useful study. Until the spring of 1854 it was the only school-house owned by the city * * *. In the summer of 1851 the Boards of Aldermen appointed a Committee on Education, at whose request Colonel Nevins prepared a bill for "The establishment, regulation, and support of free common schools in the city," which without alteration, was passed by the Common Council and became a law on the 25th of Sept., 1851. This ordinance divides the city into seven school districts and provides for the erection and establishment of a free school in each district, making these schools public and free to all children and youths between the ages of four and eighteen years within their respective districts, and forbids in their control all sectarian influence or interference. It makes provision for raising a common school fund; for the annual election by the Common Council, of a Board of Education, to consisit of one Alderman, one Assistant Alderman, two citizens and the Mayor who is ex officio a member and President of the Board. It gives to the Board of Education the power to elect a Superintendent of Schools and to provide for necessary buildings for school purposes; defines the duties of the Superintendent; constitutes the Superintendent and two members of the Board a committee for the examination of teachers; exacts a quarterly report from the Superintendent to the Board, and an annual report from the Board to the Common Council; and requires a quarterly meeting of the Superintendent and teachers to examine and discuss the best methods of imparting instruction and of conducting the schools to the greatest advantage.

The first Board of Education consisted of Hon. Charles J. Brenham, Alderman Chas. L. Ross, Asst. Alderman Joseph F. Atwill, General John Wilson and Henry E. Lincoln, Esq. On the 21st of October they appointed Col. T. J. Nevins Superintendent of Schools * * *. These were the schools and teacher May 1, 1854.

District No. 1 Rincon Point established Jan. 8, 1852, 1st and Folsom Sts., teachers, Mr. J. Swett and Miss Rebecca W. Foster.

District No. 2, Happy Valley, Nov. 17, 1851, Bush and Stockton Sts., Mr. James Denman, Miss Anna E. Sanford, Mrs. E. Wright, Mrs. J. A. Hazelton and Miss Kennedy.

District No. 3, Central, Dec. 22, 1852, Washington between Stockton and Dupont, Mr. E. H. Holmes, Miss A. C. Park, Miss Harriet A. Hancke and Miss Mary S. Haynes.

District No. 4, Clark's Point, June 7, 1852, corner Broadway and Montgomery, Mr. Ahira Holmes, Miss Sophronia Allyne and Miss E. A. Pomeroy.

District No. 5, North Beach, Nov. 19, 1851, Washington Square, Mr. H. P. Carlton, Mrs. Olive P. Cudworth.

District No. 6, Spring Valley, Feb. 9, 1852, Mr. Jos. C. Morrill.

District No. 7, Mission Dolores, Feb. 10, 1852, Miss Clara B. Walbridge.

* * * Male teachers receive $150 a month; females $100. During the first year the Superintendent was paid $1,200 per year, but since then his salary has been $2,400.

On Feb. 1, 1852, Supt. Nevins made his first quarterly report from which it appeared that 485 pupils had attended the five schools then organized. On Nov. 1st, 1852, 791 were at school while the census showed 2,050 between the ages of 4 and 18 residing in the city. August, 1853, there were 1399 at school, the number of children in the city being 2,730.

Mr. William H. O'Grady succeeded Col. Nevins as Superintendent in October, 1853. On May 1, 1854, 1,574 pupils were in the school, 901 boys and 673 girls * * *. Besides the seven public schools there are in San Francisco (1854) 27 private school with an attendance of 947 pupils. Therefore the aggregate number of schools in the city is now 34; the whole number of teachers 62, 30 being men and 42 women; and the total number of scholars

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1,305 boys and 1,216 girls or in all 2,521. In 1854 the friends of the San Francisco Academy, now called the English and Classical High School, dedicated a new school building on Powell Street south of Jackson which was the first substantial structure in this city built expressly for educational purposes. Its teachers are Mr. F. E. Prevaux, Prof. A. J. Segueria, Mrs. I. H. Purkitt, Miss H. R. Barlow and Miss S. L. Larkin and Miss W. E. Stowe * * *. The floating population has hitherto much embarassed public school enterprise * * * Those who have steadily attended have made rapid and commendable improvement. Their teachers are proficient, liberal, benevolent, zealous and indefatigueable in the discharge of their duties. The climate is the most salubrious in the world and well adapted for the highest mental exertion and efficiency. The school bell now echoes through the streets of the busy city and the astonished stranger meets groups of bright and smiling faces merrily trudging to their daily task and ere long may listen to learned professors expounding to classes of intelligent students, art, literature and science as completely and perfectly as can be heard in the most time honored institutions of the world."

(For statistics of school attendance, population, expenditures from the year 1850, see page 20 and 21 of this report.)

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NECROLOGY.

Miss Effie Douglas, Hamilton school; died April 23, 1906.

Miss Barbara Bannon, Emerson school; died June 5, 1906.

Mr. J. W. Gorman, Lincoln Evening school; died July 31, 1906.

Miss A. L. Hornsby, Laguna Honda school; died October 24, 1906.

Miss M. M. Murphy, principal Irving M. Scott school; died Dec. 24, 1906.

Mr. Madison Babcock, vice-principal Hancock school, ex-superintendent public schools; died December, 1906.

Miss Emma Stincen, principal Grattan school; died January 29, 1907.

Miss Leah C. Peckham, Laguna Honda school; died February 11, 1907.

Mr. J. B. Clarke, Polytechnic High school; died March, 1907.

Miss Helen Thompson, Girls' High school; died December 17, 1907.

Miss Josephine C. Evans, McKinley school; died February 5, 1908.

Mrs. M. E. Steele, Hearst school; died June, 1908.

Miss Margaret O'Brien, Sherman school; died August 13, 1908.

Miss L. R. Cullen, Burnett school; died September 3, 1908.

Miss Katherine Gaines, Winfield Scott school; died October 2, 1908.

Miss Adelaide C. Cherry, Redding school; died October 26, 1908.

Miss Rose Prince, Portola school; died October 31, 1908.

Mrs. Anne Armstrong, Noe Valley school; died November 20, 1908.

Miss S. M. Boniface, Hamilton school; died March 25, 1909.

Miss Mary Phillips, Agassiz school; died April 11, 1909.

Mrs. Georgia Washburn, principal Henry Durant school; died April 17, 1909.

Mrs. Anna M. Kortick, Burnett school; died May 3, 1909.

Miss Nell O'Hara, Marshall school; died May 27, 1909.

Mrs. M. B. Thompson, Starr King school; died June 25, 1909.

Mme. Ernestine Giffard, Bryant school; died July 24, 1909.

Mr. Leslie A. Jordan, ex-Deputy Superintendent of Schools, Lincoln Evening school; died July 30, 1909.

Mrs. Ellen R. Kenzla, Washington Evening school; died August 4, 1909.

Miss Lucy McNear, Bryant Cosmopolitan Primary; died January 21, 1910.

Mrs. V. C. Ingram, Peabody school; died March 10, 1910.

Miss Minnie R. Bley, Agassiz school; April 1, 1910.

Miss Mary L. Marks, Bernal school; died April 20, 1910.

Mrs. M. A. Steele, Edison school; April 25, 1910.

Mr. George Foulks, principal Hamilton Evening school; died June 7, 1910.

Mrs. J. B. Levey, Hearst Grammar school; died July 25, 1910.

Mrs. Cora B. Tompkins, Moulder school; died October 8, 1910.

Miss Katherine E. Meighan, Fairmount school; August 31, 1910.

Mr. A. C. Kinne, Lincoln Evening school; died October 6, 1910.

Miss Laura C. Perry, Lincoln school; died October 26, 1910.

Mrs. Clara Bigelow, vice-principal John Sweet Grammar school; died December 6, 1910.

Mr. Azro L. Mann, principal Denman Grammar, Superintendent of Schools 1878-1879; died February 28, 1911.

Mr. Ebenezer Knowlton, formerly principal of Rincon Grammar school, vice-principal of Lincoln Grammar and teacher in Boys' High, Commercial and Roosevelt Evening schools; died February 9, 1911.

Mr. John C. Pelton, founder of the first free public school in San Francisco or California, December, 1849; principal grammar schools, Superintendent of Schools 1856, 1857, 1865, 1866, 1867; died March 5, 1911.

Mr. William A. Leggett, vice-principal Franklin school; died March 31, 1911.

Miss Martha Galloway, principal Visitacion Valley school; April 5, 1911.

Mrs. Rebecca Greenan, Lincoln Evening school; died April 12, 1911.

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Mr. W. N. Bush, formerly teacher Lowell High and principal Polytechnic High schools; died May 21, 1911.

Mrs. M. S. Wright, Frank McCoppin school; died March 9, 1911.

Miss Emily Wickman, Jackson school.

Miss A. Weed, Washington school; died October, 1911.

Miss E. J. Moynihan, Horace Mann school; died December 31, 1911.

Mrs. M. J. Parolini, principal Cleveland school; died January 10, 1912.

Mrs. M. H. Walker, principal Marshall school; died January 22, 1912.

Miss G. F. Libby, Bernal school; died February 7, 1912.

Miss M. K. Gavigan, Portola school; died March 9, 1912.

Miss M. A. Deane, formerly principal Redding School, member Board of Education; died March 20, 1912.

Mrs. A. M. Sechrist, Laguna Honda school; died April 24, 1912.

Miss H. B. Fairweather, Rochambeau school; died May 28, 1912.

DECEASED ANNUITANTS.

Miss E. A. Cleveland, April, 1906; Miss H. M. Fairchild, May 14, 1906; Miss Flora McDonald Shearer, February 12, 1907; Mrs. C. M. Sisson, June 16, 1907; Mrs. L. G. Webster, November 17, 1907; Miss Helen Thompson, December 7, 1907; Mrs. E. M. Steele, June 15, 1908; Mrs. E. M. Poole, November 23, 1908; Miss Margaret J. Gallagher, November 30, 1908; Miss C. A. Templeton, January 1, 1909; Mrs. M. E. Caldwell, March 9, 1909; Miss L. C. McNear, January 24, 1910; Miss L. E. Ryder, February 18, 1910; Miss M. J. Bragg, June 15, 1910; Mrs. S. A. Miles, April 12, 1912; Mrs. Mary A. Hogan, April 21, 1912; Mrs. Christine Chalmers, June 26, 1912; Professor Adolph Herbst, October 2, 1912; Mr. Paul A. Garin, November 30, 1912.

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Electricity Department

FINANCIAL STATEMENT—1911-1912.

Appropriation.		Expenditure.	Surplus.
$77,280.00	Salaries	$75,355.80	$1,924.20
28,000.00	Maintenance and Expense	24,183.66	3,816.34
$105,280.00		$99,539.46	$5,740.54

DISBURSEMENT OF SPECIAL APPROPRIATIONS.

Resolution No.		Appropriation.	Expenditure.	Surplus.
8257	Purchase of 200 fire alarm bells	$ 750.00	$ 600.00	$ 150.00
8760	Installation of fire alarm boxes	3,750.00	3,733.05	16.95
8940	Electric equipment for fire houses	2,911.40	2,288.06	623.34
8958	Installing annunciator (Isolation Hospital	50.00	50.00	
9125	Installation of police boxes (Central District)	12,400.00	115.30	12,284.70
9196	Installation of police boxes (Richmond District)	2,565.00	2,209.31	355.69
9086	Purchase of cable for Polk Street	2,825.00	2,825.00	
	Totals	$25,251.40	$11,820.72	$13,430.68

INTERIOR INSPECTION.

Applications on file June 30, 1911	2,848
Applications received for inspection during year	7,308
	10,156
Installations approved	6,603
Applications on file June 30, 1912	3,553
Inspections made during year	14,532
Jobs found defective	4,571
Installations disconnected from service	153
Non-record jobs detected	418
Electrical licenses revoked	2
Arrests for violation of Ordinance No. 1008	2

DOCUMENTS ISSUED.

Contractors' licenses	229
Complaints on defective wiring	4,571
Certificates of approval	6,603
Electric sign permits	319
Housemovers' permits	48
Receipts for fees	2,219

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MONEYS RECEIVED.

Fees for wire inspection, Ordinance No. 1008	$12,682.45
Fees for electric sign permits, Ordinance No. 1009	539.90
Fees for fire tapper service, Ordinance No. 698	840.80
Total amount for fees	$14,063.15
Housemovers' refundment	188.20
Total	$14,251.35

During the fiscal year ending June 30, 1912, the work mentioned below was performed:

On each of the fire boats, an auxiliary lighting system was installed, permitting said boats, while lying at the dock, to use current from the public service corporations.

There were built two new fire alarm box signal lines, approximating twenty-two and one-half miles in length, on which were installed and placed in service forty-three new fire alarm boxes.

The burglar alarm system, running from the City Treasurer's vaults and offices, was reconstructed and the wires transferred to new underground cable, thereby improving the efficiency of the service to a marked degree.

Two exhibits of the fire-alarm apparatus manufactured by the department were made during the exhibitions given by the Manufacturers' Association and the Home Industry League, held at the Auditorium and Emporium, respectively.

The quarters of engine companies Nos. 30 and 33 were re-wired for signal equipment and electric lighting.

New instrument boards, with the necessary wiring, were installed in the quarters of engine companies Nos. 20 and 35 and of water tower No. 2.

In order to equip new engine houses Nos. 42 and 43, the tapper and joker circuits were extended and new signal boards and instruments installed.

A street traffic signal system was installed on Market Street, putting into service, at the following street intersections, an iron standard containing a large warning bell surmounted by a red electric light: Second, Third, O'Farrell, Fourth, Fifth and Sixth streets. The system is operated from the central fire alarm station. When the Fire Department is running upon or crossing Market street, between the intersections mentioned above, the bells and lights are operated to warn traffic to clear the streets.

The police signal systems in the Park and Richmond districts were re-constructed and revised. Each station now has control of police signal boxes within its district. In the Richmond police district, a new type of station-board was installed, as well as an open circuit signaling system, including a common battery for telephones. Twenty additional police boxes were also added to the system.

In the Olympic Club building, a fire alarm bell and register were installed for the accommodation of Fire Department officials when using the gymnasium and baths.

Plans were finished for the installation of a complete police signal system for the central police district, covering the territory bounded by Hyde to Battery and north of Market street. Included in these plans are wires and cable to accommodate fire alarm boxes. These signify that, when the system is installed, the present overhead wires will be removed from said underground district.

During the year tests and inspections were made on fire alarm boxes to the number of 5736. Fifty-six new fire alarm boxes were installed and placed in service. Sixty-four fire alarm box locations were changed or transferred to other circuits and 447 fire alarm boxes were painted a bright vermilion and varnished.

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Two thousand four hundred and seven miscellaneous complaints were attended to, 54 new bells were installed and 95 changes made in residences of firemen. There were also removed 69 bells.

Fire alarm box doors to the number of 76 were replaced with doors containing a permanent key protected with a glass guard, which obviates the necessity of hunting a key to turn in an alarm of fire, thus saving many valuable minutes in calling the Fire Department.

There were repaired 369 miscellaneous pieces of line trouble.

A constant inspection of new and old overhead wire construction was maintained. One hundred and seventy-one specifications for overhead wire construction were filed, 61 approval permits were issued and 206 complaints of violations of Ordinances Nos. 214 and 621 were corrected.

MACHINE SHOP.

In the machine shop there were manufactured 50 fire alarm boxes, 56 fire alarm box flush doors, 25 fire alarm box contacts, 30 fire alarm box cutouts, 7 fire alarm box number plates, 5,247 fire alarm box key guard glasses, 600 fire alarm box keys for outside shells, 70 fire alarm box keys for inside shells, 10 fire alarm box winding keys, 50 fire alarm box master keys, 100 sets of fire alarm box binding posts, 30 letgoes, 6 letgo covers, 12 harness hangers, 7 galvanometers, 2 volt meters, 6 street-crossing signal standards (fitted in shop), 1 contact switch, 1 master contact key, 5 engine house stall plates, 350 fuse clips, 1 40-terminal fuse-board, 120 municipal police box keys, 100 letgo springs, 39 14-wire terminal strips, 4 13-wire terminal strips, 1 12-wire terminal strip, 2 10-wire terminal strips, and 14 3-wire terminal strips.

There were rebuilt 6 letgoes. Thirty-three Gamewell police box movements were changed to open circuit and 56 flush doors wre attached to fire alarm boxes.

There were repaired 97 fire alarm boxes, 1 fire alarm box key door, 28 fire alarm box relays, 1 fire alarm box lock, 16 fire alarm box Bell doors, 1 fire alarm box California door, 24 fire alarm box auxiliary attachments, 23 Gamewell police boxes, 2 Gamewell police box locks, 72 engine-house registers, 9 engine-house register cases, 251 letgoes, 12 tapper relays, 33 8-inch single stroke bells, 12 6-inch single stroke bells, 19 5-inch single stroke bells, 9 4-inch single stroke bells, 3 engine-house clocks, 84 pony relays, 1 automatic switch, 4 remote control switches, 8 take-up reels, 1 ammeter, 3 volt meters, 5 galvanometers, 12 telegraph sets, 1 perforating register, 1 hand telephone set, 2 police-station sounders, 3 fire alarm office relays, 15 Sechrist switches, 7 2-pen registers, 8 4-pen registers, 2 burglar alarm boxes in Treasurer's office, and 58 miscellaneous jobs. There were also 14 fire alarm box auxiliary repairs and 65 tool repairs.

RECOMMENDATIONS.

Your attention is respectfully called to the necessity of a new central fire alarm station. The present station is located in a Class "C" building and the danger of fire is ever present. Too little consideration is given to the importance of housing this valuable adjunct to the Fire Department's service. The loss of this station would badly cripple the efficiency of the Fire Department, as, without this service, said department would have no way of knowing when a fire occurs. The present station equipment is by no means modern. It consists of wooden switch-boards, common electric light switches, obsolete relays, registers, etc. In fact, it is a duplication of the emergency office established after the great fire of 1906. While it has given excellent service, it

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is not good policy or practice to add to it in keeping pace with the growth of the city.

Sufficient funds should be set aside to erect a modern fire-proof structure in an isolated location, and a modern equipment, possible to be added to in future expansion and should be installed. Jefferson square would be an ideal location on which to erect a building such as described above; viz: one story in height, made of stone or cement, with steel frame, containing a deep basement to accommodate battery racks and dynamo plant for the purpose of supplying electric current to the fire alarm system.

Another building could be provided at a lesser cost to accommodate the machine shop and supply department.

With such a plant centrally located, the fire alarm wires could be placed underground and thereby make the system fire and earthquake proof.

It is also recommended that a system of re-inspection of electric wiring in buildings be inaugurated by the employment of an additional inspector for that purpose.

Money for the purchase or manufacture of more fire alarm boxes, which are badly needed, should be provided; also money to rehabilitate the police signal system in several police districts. All wires of both the fire alarm and police systems should be placed underground.

In conclusion, I desire to commend the employes of this department for the careful and efficient manner in which they have performed their respective duties during the past year.

I also extend my appreciation to the officers and members of the Fire and Police departments for the many courtesies received.

Respectfully submitted,

Chief, Department of Electricity.

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TABLE NO. 1.

SHOWING THE NUMBER OF ALARMS EACH DAY AND MONTH DURING FISCAL YEAR 1911-1912.

Day of Week	1911						1912						Totals
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
Monday	27	14	30	24	20	13	21	14	15	20	16	27	241
Tuesday	20	20	13	26	16	22	8	8	17	13	18	23	204
Wednesday	22	21	27	29	30	24	22	15	7	14	24	22	257
Thursday	20	21	22	23	32	18	18	17	31	20	20	25	267
Friday	14	18	25	21	20	35	7	14	21	22	25	44	269
Saturday	30	21	26	25	27	12	22	17	17	18	21	51	287
Sunday	28	27	32	16	19	30	16	19	24	14	16	36	277
Totals	161	142	175	167	164	154	114	104	132	121	140	228	1802

SUMMARY OF ALARMS FOR EACH MONTH DURING THE YEAR.

1st Alarms	79	68	77	69	78	65	60	54	62	67	67	97	843
2nd Alarms	2	4	5	5	4	6	3	3	2	1	6	7	48
3rd Alarms	1	1	0	1	0	2	0	0	3	0		0	8
4th Alarms	0	0	0	0	0	0	0	0	0	0		0	0
Direct Alarms	79	69	93	92	82	81	51	47	65	53	67	124	903
Totals	161	142	175	167	164	154	114	104	132	121	140	228	1802

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TABLE NO. 2.

SHOWING THE NUMBER OF ALARMS FOR EACH HOUR OF THE DAY DURING FISCAL YEAR 1911-1912.

Months	A. M.												Totals
	1	2	3	4	5	6	7	8	9	10	11	12	
1911													
July	1	9	2	3	1	4	2	2	2	4	9	8	47
August	3	5	2	1	4	0	2	3	7	8	18	5	58
September	2	9	7	3	1	4	1	3	6	7	18	5	66
October	7	5	1	2	3	1	3	4	7	6	8	4	51
November	1	1	4	3	4	3	4	8	5	8	11	5	57
December	8	2	3	2	0	2	2	3	7	8	8	2	47
1912													
January	3	1	4	0	0	2	3	4	2	4	9	6	38
February	0	0	1	0	3	2	4	2	1	6	7	4	30
March	1	1	1	6	6	3	9	4	8	6	10	4	59
April	4	1	3	2	0	1	0	3	5	3	4	2	28
May	3	1	7	1	2	1	4	5	2	6	7	7	46
June	5	3	7	2	0	1	3	3	8	13	15	9	69
Totals	38	38	42	25	24	24	37	44	60	79	124	61	596

Months	P. M.												Totals
	1	2	3	4	5	6	7	8	9	10	11	12	
1911													
July	17	16	15	7	10	6	5	3	8	7	4	16	114
August	12	4	10	12	7	7	7	3	3	8	3	8	84
September	9	9	11	7	6	10	8	16	16	5	4	8	109
October	12	7	13	15	8	12	9	14	5	1	3	17	116
November	11	12	13	7	10	7	13	8	10	4	5	7	107
December	8	5	7	6	8	10	15	7	10	7	8	16	107
1912													
January	4	5	2	9	7	9	13	8	6	3	7	3	76
February	7	3	7	3	3	8	8	11	9	9	1	5	74
March	6	8	10	7	5	8	2	7	8	6	2	4	73
April	10	12	7	8	6	10	12	4	8	8	2	6	93
May	8	5	8	9	12	8	7	8	6	5	6	12	94
June	31	22	22	18	8	11	8	8	10	2	1	18	159
Totals	135	108	125	108	90	106	107	97	99	65	46	120	1206
Grand Totals	173	146	167	133	114	130	144	141	159	144	170	181	1802

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TABLE No. 3

SHOWING NUMBER OF ALARMS FROM EACH BOX DURING FISCAL YEAR 1911-1912

Box	Alarms	Box	Alarms	Box	Alarms	Box	Alarms	Box	Alarms	Box	Alarms
12	4	135	2	512	3	359	5	496	2	629	2
13	1	136	2	252	1	361	3	497	1	636	2
14	4	141	2	253	2	362	1	498	1	641	2
15	3	142	6	254	3	363	2	511	2	642	1
16	4	143	7	257	4	366	2	512	1	644	1
17	3	144	4	258	1	367	2	513	1	655	5
18	2	145	1	259	1	368	3	514	4	657	1
19	1	147	6	261	1	369	2	515	1	659	2
21	3	148	3	264	2	371	2	516	2	662	3
23	2	149	4	266	3	372	2	517	2	665	2
25	2	151	3	267	2	378	4	518	1	667	1
29	2	155	4	268	2	381	2	519	2	669	1
32	1	162	1	271	2	383	2	521	2	675	4
35	1	164	3	272	1	384	2	522	5	676	1
36	5	166	3	274	2	388	1	525	1	685	3
37	1	169	1	275	4	391	2	526	5	686	1
42	1	173	4	276	2	392	1	527	1	687	5
45	3	174	1	278	5	395	1	531	3	691	6
46	1	175	2	279	5	396	1	532	4	692	3
47	1	176	2	281	1	398	4	533	1	693	2
48	2	177	7	282	2	413	3	537	1	694	6
49	2	179	1	283	2	416	2	538	1	696	1
53	1	184	2	284	3	417	1	539	3	697	4
54	1	185	2	285	5	418	2	543	1	712	1
56	3	186	2	286	4	419	2	544	1	714	1
58	5	187	1	287	2	421	1	545	1	717	2
59	3	188	3	288	1	422	1	546	3	718	6
61	1	191	1	289	8	423	3	547	1	723	2
62	8	192	3	291	3	424	2	549	4	727	1
63	4	195	1	293	1	425	4	551	1	728	4
64	1	196	2	296	2	426	2	558	3	754	2
69	4	197	3	297	3	427	1	559	1	757	2
72	4	198	12	298	3	429	1	561	5	761	1
74	2	199	2	311	1	432	1	562	6	763	3
75	2	211	1	315	1	434	2	563	1	768	1
78	1	212	4	317	1	435	1	564	2	772	2
79	2	214	4	318	1	438	1	565	1	773	1
81	1	215	3	319	1	439	2	566	3	774	2
82	2	216	3	322	3	443	9	567	2	778	4
83	2	217	2	323	3	446	3	569	2	783	1
84	2	218	3	324	2	451	3	571	4	787	1
85	9	223	1	326	3	452	2	575	1	811	3
87	1	224	2	327	4	453	1	576	1	815	4
88	5	225	1	328	2	454	1	581	1	821	3
91	4	226	2	331	1	455	4	582	8	833	5
92	2	228	1	334	5	457	1	583	3	845	1
95	1	229	1	336	3	459	2	584	3	847	2
96	1	231	1	337	1	461	5	585	1	848	4
98	9	233	4	338	1	462	3	587	5	849	1
99	4	234	1	339	1	463	2	588	2	851	2
112	3	235	1	341	4	464	3	591	1	862	3
113	1	236	5	343	5	465	1	592	1	867	1
114	2	237	5	344	3	468	1	593	1	871	2
116	2	238	4	345	3	469	5	594	2	872	1
117	1	239	11	346	1	471	1	595	1	873	1
118	2	241	3	347	3	479	2	597	2	875	2
121	1	242	2	348	1	482	1	598	1	876	1
123	1	243	1	351	2	483	1	618	4	919	1
125	1	245	1	354	1	486	4	621	3	939	1
126	2	246	2	355	1	487	1	622	3		
129	1	247	1	356	1	489	2	625	4		
131	1	248	1	357	8	492	2	626	3		
132	2	249	1	358	1	495	2	628	2		

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TABLE NO. 4.

JOKER SIGNALS TRANSMITTED DURING THE FISCAL YEAR 1911-1912.

	Engines	Trucks	Chemicals	Chiefs	W. T.	F. B.	Special	No. Drills	Repairs	Tappers	New Boxes	Pay Day	Tests	Totals
Months 1911—														
July	315	79	112	145		3	10		11			1	93	769
August	301	79	90	131		2	20		4			1	93	721
September	322	83	115	142		3	5		15			1	90	776
October	315	69	131	132		1	34		5			1	93	781
November	345	81	113	167		8	32		6			1	90	843
December	317	69	121	131		3	54		3			1	93	792
1912.														
January	267	71	70	119		3	38					1	93	662
February	238	59	78	110		4	5	24		6		1	87	612
March	282	64	99	124		11	13	26		4	5	1	93	722
April	288	62	82	117	4	3		26		10	3	1	90	686
May	306	70	91	121	8	11	4	21		4	4	1	93	734
June	455	94	171	172	3	3	2	49			3	1	90	1,043
Totals	3,751	880	1,273	1,611	15	55	217	146	44	24	15	12	1,098	9,141

SUMMARY OF ALARMS OF FIRE, TRANSMITTED DURING FISCAL YEAR.

First Alarms	843
Second Alarms	48
Third Alarms	8
Fourth Alarms	
Fifth Alarms	
Direct Alarms	903
Total	1,802

Total number of Police signals received at the Park, Ingleside, Richmond and Mission Stations.....57,110

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Following is list of Police Telephone Stations connecting direct with Police Headquarters, Hall of Justice, Kearny and Washington Streets:

LOCAL 22.

Station.	Location.	Station.	Location.
21	Union—Leavenworth.	27	Union—Polk.
26	Bay—Van Ness Ave.	47	California—Larkin.

LOCAL 23.

2	Pacific—Grant Ave.	20	Powell—Union.
3	Geary—Stockton.	23	Waverly, bet. Clay and Washington.
4	Bay—Stockton.	45	Broadway—Powell.
9	Commercial, bet. Kearny and Grant Ave.	48	Bush—Grant Ave.
13	O'Farrell—Grant Ave.		

LOCAL 24.

6	Folsom—East.	32	First—Natoma.
7	Beale, bet. Market and Mission.	33	Spear—Harrison.
8	Fourth—Stevenson.	35	Second—Stevenson.
12	Third, near King.	50	Fifth—Stevenson.
18	Minna, bet. Third and Fourth.		

LOCAL 25.

5	Eighth—Market.	36	McAllister—Leavenworth.
11	Seventh—Harrison.	41	Evans Ave.—Jennings.
14	Twenty-second—Kentucky.	44	Washington Ave.—Mission.
24	Railroad Ave.—Evans Ave.	46	Wisconsin—Twenty-second.
29	Octavia—Linden Ave.	49	Railroad Ave.—Hollister.
30	Eleventh—Howard.	52	Haight—Fillmore.
31	Seventeenth—Kentucky.		

LOCAL 26.

22	Ellis—Buchanan.	37	Buchanan—Geary.
25	Baker—Lombard.	38	Baker—Jefferson.
34	Turk—Buchanan.	42	Union—Steiner.

LOCAL 27.

1	South End Ferry Building.	26	Merchant, bet. Front and Battery.
10	Broadway Street Wharf.	39	Union Street Wharf.
15	Gold—Montgomery.	43	Bush—Battery.
17	Halleck—Liedesdorff.	51	Washington—Davis.

Total number of Stations in service..... 49

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POLICE BOXES IN SERVICE, CONNECTING DIRECT WITH MISSION POLICE STATION. TOTAL 31 BOXES.

Circuit No. 1.

Station.	Location.	Station.	Location.
8	Folsom—Twelfth.	222	Mission—Twenty-sixth.
21	Bryant—Eleventh.	223	Valencia—Twenty-fifth.
22	Duboce Ave.—Valencia.	224	Bartlett—Twenty-second.
24	Mission—Twelfth.	231	Valencia—Twentieth.
48	Mission—Fourteenth.	235	Sanchez—Twenty-sixth.
53	Folsom—Twentieth.	241	Sixteenth—Hoff Ave.
123	Guerrero—Eighteenth.		

Circuit No. 2.

31	Folsom—Twenty-fourth.	233	Church—Seventeenth.
34	Potrero Ave.—Twenty-fourth.	234	Market—Seventeenth.
41	Bryant—Sixteenth.	242	Castro—Nineteenth.
42	Bryant—Nineteenth.	243	Castro—Twenty-fourth.
51	Danvers, opposite Merritt.	244	Guerrero—Twenty-fourth.
52	Potrero Ave.—Twenty-second.	312	Church—Twenty-fourth.
54	Bryant—Twenty-sixth.	414	Market—Church.
55	Florida—Twenty-third.	432	Douglass—Twenty-fourth.
61	Vermont—Twenty-first.	434	Mission—Eighteenth.

POLICE BOXES IN SERVICE, CONNECTING DIRECT WITH GOLDEN GATE PARK POLICE STATION, TOTAL, 7 BOXES.

Circuit No. 1.

Station.	Location.	Station.	Location.
7	Hayes—Broderick.	53	Haight—Ashbury.
17	Haight—Scott.		

Circuit No. 2.

12	Seventh Ave.—Lincoln Way.	16	Nineteenth Ave.—Irving.
14	Ninth Ave.—Noriega.	18	Judah—Forty-eighth Ave.

POLICE BOXES IN SERVICE, CONNECTING DIRECT WITH INGLESIDE POLICE STATION, TOTAL, 15 BOXES.

Circuit No. 1.

Station.	Location.	Station.	Location.
14	Chenery—Natick.	153	Ocean—Lee Avenues.
33	Folsom—Precita Avenue.	221	Mission—Valencia.
44	Church—Twenty-eighth.	421	Ocean—Corbett Avenues.
45	Thirtieth—San Jose Avenue.		

Circuit No. 2.

12	San Bruno—Silver Avenues.	121	Mission—Onondago Avenue.
13	San Bruno—Railroad Avenues.	151	Courtland—Andover Avenues.
32	San Bruno—Visitation.	213	Mission—Crescent Avenue.
35	San Bruno Avenue—Army.	214	Mission—Silver Avenue.

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POLICE BOXES IN SERVICE, CONNECTING DIRECT WITH RICHMOND POLICE STATION, TOTAL 26 BOXES.

Circuit No. 1.

Station.	Location.	Station.	Location.
16	Fulton—Seventh Avenue.	18	Fulton—Stanyan.

Circuit No. 2.

52	Sutter—Divisadero.	57	Geary—Scott.
53	Fulton—Divisadero.	58	Sutter—Divisadero.
54	McAllister—Steiner.	61	Geary—Second Avenue.
55	Ellis—Steiner.	62	Geary—Presidio Avenue.
56	Sutter—Steiner.		

Circuit No. 3.

38	California—Fifth Avenue.	44	Jackson—Presidio Avenue.
39	Lake—Third Avenue.	45	Clay—Broderick.
41	Washington—Cherry.	46	Sacramento—Scott.
42	Sacramento—Locust.	47	Pacific Avenue—Scott.

Circuit No. 4.

12	Fulton—Great Highway.	34	Geary—Twenty-fifth Avenue.
13	Fulton—Thirty-sixth Avenue.	35	Lake—Twentieth Avenue.
31	Balboa Blvd.—49th Avenue.	36	Clement—Fortieth Avenue.
32	Pt. Lobos—48th Avenue.		

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LIST OF FIRE ALARM BOXES IN SERVICE JUNE 30TH, 1912.

Box.	Location.
12	Columbus Ave.—Vallejo.
13	Davis—Clay.
14	Columbus Ave.—Union.
15	Embarcadero—Clay.
16	Mason—Vallejo.
17	Pacific—Kearny.
18	Sansome—Washington.
19	Jackson—Front.
21	Kearny—Sacramento.
23	Clay—Taylor.
24	Clay—Powell.
25	Jackson—Grant Ave.
26	Bush—Powell.
28	Bush—Grant Ave.
29	Pine—Stockton.
32	California—Drumm.
34	Embarcadero—Mission.
35	Bush—Montgomery.
36	Folsom—Steuart.
36	Folsom—Embarcadero.
37	Battery—Pine.
38	Second—Market.
39	Howard—Spear.
42	Geary—Mason.
43	Market—Grant Ave.
45	Ellis—Jones.
46	Sutter—Kearny.
47	Eddy—Powell.
47	Fifth—Market.
48	Market—Third.
48	Market—Annie.
48	Geary—Kearny.
49	Sutter—Stockton.
51	Folsom—Main.
53	Third—Townsend.
54	Second—Howard.
56	Second—Bryant.
58	First—Folsom.
59	First—Brannan.
62	Fourth—Mission.
63	Fourth—Harrison.
64	Fifth—Howard.
68	Fourth—Brannan.
69	Third—Bryant.
71	Twelfth—Mission.
72	Thirteenth—Howard.
74	Sixteenth—Guerrero.
75	McAllister—Jones.
75	Market—Seventh.
76	Market—Larkin.
79	Folsom—Twelfth.
81	Hayes—Franklin.
82	Fulton—Gough.
83	Oak—Octavia.
84	Haight—Gough.
85	Hayes—Laguna.
86	Market—Van Ness Ave.
87	Hayes—Steiner.
88	Golden Gate Ave.—Van Ness Ave
89	Grove—Van Ness Ave.
91	Golden Gate Ave.—Larkin.
92	Turk—Franklin.
95	Market—Taylor.
96	Eddy—Taylor.
98	Market—Fourth.
98	Stockton—Ellis.
99	Market—Marshall Square.
112	Post—Grant Ave.
113	Geary—Stockton.
114	Turk—Mason.
115	Ellis—Mason.
116	Post—Leavenworth.
117	Post—Taylor.
118	Post—Powell.
119	O'Farrell—Taylor.
121	Vallejo—Jones.
122	Greenwich—Larkin.
123	Union—Hyde.
124	North Point—Larkin.
125	Filbert—Jones.
126	Washington—Hyde.
127	Vallejo—Larkin.
129	Pacific—Leavenworth.
131	Sacramento—Jones.
132	Pine—Mason.
135	Sutter—Polk.
136	Post—Van Ness Ave.
138	California—Larkin.
141	Sixteenth—Valencia.
142	Twenty-first—Valencia.
143	Twenty-second—Mission.
144	Seventeenth—Howard.
145	Twenty-second—Folsom.
146	Sixteenth—Folsom.
147	Twentieth—Mission.
148	Sixteenth—Mission.
149	Eighteenth—Folsom.
151	Seventh—Berry.
152	Seventh—Brannan.
155	Third—Folsom.
156	Fourth—Berry.
161	Pacific Ave.—Polk.
162	Pacific Ave.—Franklin.
163	California—Van Ness Ave.

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Box.	Location.
164	Clay—Polk.
165	Lombard—Van Ness Ave.
166	Washington—Gough.
167	Union—Polk.
168	Vallejo—Van Ness Ave.
169	Chestnut—Hyde.
172	McAllister—Buchanan.
173	Eddy—Buchanan.
174	Turk—Fillmore.
175	Grove—Webster.
176	Post—Octavia.
177	O'Farrell—Van Ness Ave.
178	Geary—Buchanan.
179	Ellis—Gough.
182	Sixth—Townsend.
184	Eighth—Folsom.
185	Tenth—Bryant.
186	Fifth—Bryant.
187	Eighth—Bryant.
188	Ninth—Brannan.
189	Sixth—Hooper.
191	Beach—Taylor.
192	Lombard—Taylor.
194	Chestnut—Grant Ave.
195	Columbus Ave.—Greenwich.
196	Greenwich—Stockton.
197	Bay—Mason.
198	Filbert—Grant Ave.
199	North Point—Leavenworth.
211	Post—Fillmore.
212	Pine—Steiner.
213	Sutter—Buchanan.
214	Sutter—Pierce.
215	Washington—Webster.
216	Sacramento—Fillmore.
217	Pine—Divisadero.
218	Bush—Fillmore.
219	Union—Fillmore.
223	Fell—Scott.
224	McAllister—Franklin.
225	Fell—Gough.
226	Page—Laguna.
227	Page—Steiner.
228	Fell—Buchanan.
229	Hermann—Webster.
231	Twenty-third—Howard.
232	Twenty-third—Valencia.
233	Twenty-fifth—Folsom.
234	Twenty-fourth—Harrison.
235	Twenty-second—Potrero Ave.
236	Twenty-sixth—Mission.
237	Twenty-second—Dolores.
238	Fifteenth—Potrero Ave.
239	Nineteenth—Bryant.
241	Sutter—Gough.
242	Oak—Pierce.
243	Clay—Scott.
244	O'Farrell—Broderick.
245	Geary—Steiner.
246	Post—Divisadero.
247	Turk—Scott.
248	Fulton—Divisadero.
249	McAllister—Central Ave.
251	Broadway—Octavia.
252	Vallejo—Steiner.
253	Union—Octavia.
254	Union—Pierce.
255	Vallejo—Buchanan.
256	Jackson—Fillmore.
257	Chestnut—Fillmore.
258	Pacific Ave.—Pierce.
259	Bay—Buchanan.
261	First—Mission.
263	Main—Bryant.
264	California—Front.
265	Main—Mission.
266	Second—Mission.
267	Market—Beale.
267	Pine—Davis.
268	First—Harrison.
269	Steuart—Harrison.
271	Seevnteenth—Church.
272	Sixteenth—Sanchez.
273	Eighteenth—Noe.
274	Twenty-fourth—Guerrero.
275	Twenty-fourth—Church.
276	Eighteenth—Guerrero.
277	Twentieth—Castro.
278	Twenty-fourth—Castro.
279	Eighteenth—Mission.
281	San Bruno Ave.—Army.
282	Virginia Ave.—Prospect Ave.
283	Twenty-ninth—Church.
284	Twenty-ninth—Mission.
285	Twenty-fifth—Florida.
286	Twenty-fourth—York.
287	Twenty-ninth—Noe.
288	Coleridge—Powers Ave.
289	Folsom—Precita Ave.
291	California—Leavenworth.
293	Washington—Stockton.
294	California—Grant Ave.
296	Pine—Kearny.
297	O'Farrell—Powell.
298	Third—Mission.
311	Broadway—Webster.
312	Jackson—Laguna.
313	Green—Baker.
314	California—Laguna.
315	Jackson—Baker.

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Box.	Location.
316	Vallejo—Scott.
317	Clay—Buchanan.
318	Jackson—Divisadero.
319	Broadway—Broderick.
321	California—Pierce.
322	Pine—Baker.
323	Sutter—Presidio Ave.
324	Sacramento—Broderick.
325	California—Presidio Ave.
326	Post—Baker.
327	Geary—Parker Ave.
328	Geary—Masonic Ave.
331	Market—Page.
332	Market—Laguna.
334	Fourteenth—Mission.
335	Fifteenth—Valencia.
336	Nineteenth—Howard.
337	Nineteenth—Valencia.
338	Twentieth—Guerrero.
339	Twenty-first—Howard.
341	Ellis—Pierce.
342	Golden Gate Ave.—Octavia.
343	Fulton—Fillmore.
344	McAllister—Pierce.
345	Hayes—Central Ave.
346	Golden Gate Ave.—Broderick.
347	Eddy—Divisadero.
348	Fulton—Baker.
349	Fell—Clayton.
351	Broadway—Montgomery.
352	Bay—Kearny.
353	Embarcadero—Chestnut.
354	Broadway—Battery.
355	Union—Battery.
356	Greenwich—Sansome.
357	Green—Kearny.
358	Embarcadero—Pacific.
359	Vallejo—Sansome.
361	Valencia—Duboce Avenue.
362	Fourteenth—Noe.
363	Fourteenth—Guerrero.
364	Fifteenth—Howard.
365	Fourteenth—Harrison.
366	Nineteenth—Diamond.
367	Seventeenth—Douglass.
368	Market—Church.
369	Eighteenth—Danvers.
371	Sutter—Mason.
372	Geary—Jones.
374	Pine—Jones.
375	Eddy—Leavenworth.
378	O'Farrell—Larkin.
381	Haight—Buchanan.
382	Haight—Fillmore.
383	Waller—Pierce.
384	Oak—Webster.
385	Haight—Scott.
386	Oak—Divisadero.
387	Hayes—Broderick.
388	Haight—Baker.
389	Duboce Ave.—Buena Vista Ave.
391	Frederick—Ashbury.
392	Page—Central Ave.
393	Buena Vista Ave.—Central Ave.
394	Page—Cole.
395	Haight—Stanyan.
396	Stanyan—Parnassus Ave.
397	Oak—Ashbury.
398	Waller—Clayton.
399	Frederick—Cole.
411	Golden Gate Ave.—Willard.
412	Geary—Arguello Blvd.
413	Clement—Seventh Ave.
414	Lake—Seventh Ave.
415	Eleventh Ave.—Clement.
416	Fulton—Stanyan.
417	Fulton—Fifth Ave.
418	Geary—Fifth Ave.
419	California—Fifth Ave.
421	Green—Gough.
422	Greenwich—Octavia.
423	Greenwich—Steiner.
424	Union—Divisadero.
425	Greenwich—Baker.
426	Broderick—Jefferson.
427	Lombard—Divisadero.
428	Lombard—Buchanan.
429	Presidio Reservation.
431	Clay—Cherry.
432	Washington—Walnut.
433	California—Maple.
434	Sacramento—Laurel.
435	Clay—Spruce.
436	Jackson—Maple.
437	Jackson—Locust.
438	Jackson—Presidio Ave.
439	Clay—Lyon.
441	Seventeenth—Harrison.
443	Eighteenth—Hampshire.
445	Twenty-fourth—San Bruno Ave.
446	Twenty-fourth—Mission.
447	Twenty-fifth—Valencia.
451	Mission—Highland Ave.
452	Cortland Ave.—Elsie.
453	Twenty-fifth—Sanchez.
454	Mission—Cortland Ave.
455	Twenty-fourth—Douglass.
456	Twenty-second—Noe.
457	Twentieth—Church.
458	Army—Guerrero.

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Box.	Location.
459	Randall—Chenery.
461	Twenty-first—Bryant
462	Twenty-third—Kansas.
463	Alabama—Montcalm.
464	Twentieth—Harrison.
465	Twenty-third—Florida.
466	Twenty-fifth—Kansas.
467	Sixteenth—Bryant.
468	Army—York.
469	Twenty-eighth—Dolores.
471	Parnassus Ave.—Second Ave.
472	Willard—Bellmont.
473	Frederick—Willard.
474	Relief Home.
475	Seventh Ave.—Irving.
476	Eighth Ave.—Kirkham.
477	Ninth Ave.—Lincoln Way.
478	Seventeenth Ave.—Irving.
479	Ninth Ave.—Moraga.
481	Geary—Ninth Ave.
482	California—Ninth Ave.
483	Eleventh Ave.—Lake.
484	California—Twenty-second Ave.
485	Geary—Twenty-third Ave.
486	Geary—Thirty-third Ave.
487	Balboa—Arguello Blvd.
488	Point Lobos Ave.—Forty-eighth.
489	Balboa—La Playa.
491	Fifteenth—Castro.
492	Seventeenth—Castro.
493	Seventeenth—Temple.
494	Twenty-first—Douglass.
495	Twenty-third—Sanchez.
496	Twenty-third—Hoffman Ave.
497	Twenty-third—Diamond.
498	Twenty-sixth—Castro.
499	Twenty-eighth—Diamond.
511	Alameda—Kansas.
512	Fourth—Kentucky.
513	Eighteenth—Kentucky.
514	Twentieth—Michigan.
515	Sixteenth—Kentucky.
516	Humboldt—Michigan.
517	Twenty-second—Kentucky.
518	Twentieth—Connecticut.
519	Eighteenth—Missouri.
521	Seventeenth—Arkansas.
522	Nineteenth—Vermont.
523	Twenty-fifth—Iowa.
524	Army—Missouri.
525	Utah—Mariposa.
526	Seventeenth—Mississippi.
527	Seventh—Irwin.
528	Nineteenth—Minnesota.
529	Sixth—Daggett.

Box.	Location.
531	Kentucky—Arthur Ave.
532	Fairfax Ave.—Mendell.
533	Railroad Ave.—Evans Ave.
534	Fairfax—Quint.
536	Railroad Ave.—Jerrold Ave.
537	Oakdale Ave.—Quint.
538	La Salle Ave.—Phelps.
539	Railroad Ave.—Revere Ave.
541	San Bruno Ave.—Oakdale Ave.
542	Cortland Ave.—Nevada.
543	Revere Ave.—Griffith.
544	Crescent Ave.—Andover.
545	Railroad Ave.—Hollister.
546	San Bruno Ave.—Silver Ave.
547	San Bruno Ave.—Paul Ave.
549	San Bruno Ave.—Leland Ave.
551	Alameda—Michigan.
556	Nineteenth—Mississippi.
557	Twenty-second—Pennsylvania.
558	Twenty-second—Wisconsin.
559	Twenty-second—Vermont.
559	Twenty-second—San Bruno Ave.
561	Mission—Silver Ave.
561	Silver Ave.—Pac. Hebrew Home.
562	Brazil Ave.—Edinburgh.
563	Mission—Onondaga Ave.
564	Mission—Bosworth.
565	Mission—Norton.
566	Mission—Sickles Ave.
566	Green—Manchester.
567	Mission—Nagles Ave.
568	Mission—Geneva Ave.
569	Russia Ave.—Madrid.
571	Chenery—Diamond.
572	Sunnyside Ave.—Baden.
573	Sunnyside Ave.—Forester.
574	Ocean Ave.—San Jose Ave.
575	Hollaway Ave.—Golden State Av
576	Lobos—Orizaba Ave.
577	Ocean Ave.—Ashton Ave.
578	Plymouth Ave.—Sagamore.
579	Ocean Ave.—Lee Ave.
581	Geary—Franklin.
582	O'Farrell—Laguna.
583	O'Farrell—Fillmore.
584	Ellis—Webster.
585	Golden Gate Ave.—Webster.
587	Fell—Fillmore.
588	Fell—Baker.
589	Hayes—Schrader.
591	Duboce Ave.—Steiner.
592	Castro—Duboce Ave.
593	Waller—Divisadero.
594	Haight—Masonic Ave.
595	Piedmont—Masonic Ave.

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Box.	Location.
596	Ashbury—Clifford.
597	Clayton—Parnassus Ave.
598	Seventeenth—Shrader.
599	Cole—Alma.
611	Washington—Drumm.
613	Embarcadero—Vallejo.
614	Embarcadero—Union.
615	Embarcadero—Greenwich.
618	Clay—Battery.
621	Sutter—Sansome.
622	California—Montgomery.
625	Washington—Kearny.
626	Clay—Grant Ave.
628	Broadway—Stockton.
629	Bay—Stockton.
632	Beach—Powell.
636	Sacramento—Mason.
637	Jackson—Mason.
639	Union—Taylor.
641	Broadway—Taylor.
642	Jackson—Jones.
644	Golden Gate Ave.—Leavenworth.
646	Sutter—Hyde.
654	Pine—Polk.
655	Eddy—Van Ness Ave.
656	Bush—Van Ness Ave.
657	Washington—Van Ness Ave.
658	Bay—Van Ness Ave.
659	Filbert—Franklin .
662	Pine—Franklin.
664	Sacramento—Gough.
665	Bush—Octavia.
667	Pine—Webster.
669	Buchanan—Pacific Ave.
671	Embarcadero—Howard.
675	Second—Townsend.
676	Third—Berry.
683	Fifth—Berry.
685	Sixth—Howard.
686	Sixth—Harrison.
687	Sixth—Brannan.
691	Seventh—Bryant.
692	Seventh—Folsom.
693	Seventh—Mission.
694	Ninth—Harrison .
695	Tenth—Folsom.
696	Tenth—Mission.
697	Fell—Polk.
699	Eleventh—Harrison.
712	Jordan Ave.—Euclid Ave.
713	California—Arguello Blvd.
714	Third Ave.—Clement.
715	Seventh Ave.—Anza .
716	Fifth Ave.—Balboa.
717	California—Twenty-seventh Ave.
718	Geary—Thirty-ninth Ave.
719	Geary—Twenty-eighth Ave.
721	Fourth Ave.—Lincoln Way.
723	Twelfth Ave.—Irving.
726	Great Highway—Pacheco.
727	Forty-eighth Ave.—Kirkham.
728	Forty-seventh Ave.—Irving.
733	Nineteenth Ave.—Lincoln Way.
736	Nineteenth Ave.—Moraga.
741	Nineteenth Ave.—Taraval.
742	Twenty-eighth Ave.—Ulloa.
751	Washington—Arguello Blvd.
752	Third Ave.—Lake.
754	Thirteenth Ave.—California.
755	Fifteenth Ave.—Lake.
757	Eighteenth Ave.—Geary.
758	Seventeenth Ave.—California.
759	Nineteenth Ave.—Lake.
761	Third Ave.—Anza.
763	Ninth Ave.—Cabrillo.
765	Tenth Ave.—Fulton.
768	Twelfth Ave.—Balboa.
771	Twentieth Ave.—Clement.
772	Twenty-fourth Ave.—Lake.
773	Twenty-fifth Ave.—Clement.
774	Twenty-sixth Ave.—Drake.
778	Twenty-second Ave.—California.
783	Twenty-first Ave.—Anza.
787	Twenty-fourth Ave.—Fulton.
811	Army—De Haro.
812	Mayflower—Peralta Ave.
814	Tomasa—Montcalm.
815	Cortland Ave.—Moultrie.
821	Silver Ave.—Boylston.
822	Revere Ave.—Jennings.
833	Persia Ave.—Athens.
841	Seventeenth—Clayton.
842	Corbett Ave.—Clayton.
844	Corbett Ave.—Twenty-second.
845	Twenty-sixth—Church.
846	Duncan—Sanchez.
847	Thirtieth—Sanchez.
848	Thirtieth—Dolores.
849	Valencia, opp. Duncan.
851	Arlington—Mateo.
853	Bosworth—Chilton Ave.
855	Chenery—Mizpah.
862	San Jose Ave.—Lakeview Ave.
865	Grafton Ave.—Harold Ave.
866	Capitol Ave.—De Montford.
867	Capitol Ave.—Lakeview Ave.
871	Twentieth—Eureka.
872	Twenty-first—Diamond.
873	Castro—Valley.
874	Diamond—Elizabeth.

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Box.	Location.	Box.	Location.
875	Twenty-third—Castro.	918	Embarcadero—Stockton.
876	Nineteenth—Sanchez.	919	Embarcadero—Mason.
877	Twenty-first—Sanchez.	939	Sixteenth—Georgia.
879	Noe—Sixteenth.	941	Mariposa—Illinois.
917	Embarcadero—Kearny.		

NOTE:—Fire Alarm Boxes in service June 30, 1911	498
Total number of boxes installed during fiscal year	56
Total	554
F. A. Box No. 78 out of service for re-assignment	1
Total number of boxes in service June 30, 1912	553

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Tax Collector's Report

San Francisco, Cal., July 26, 1912.

Hon. James Rolph, Jr.,
Mayor, San Francisco.

Dear Sir:—In accordance with the provisions of Section 9 of Article XVI of the Charter, I beg to hand you herewith statement of the business of the Tax Collector's Office in the Departments of Property Tax Collections and License Tax Collections for the fiscal year 1911.

This period is covered by the administration of the late Tax Collector, Mr. David Bush.

In April, 1911, the Tax Collector estimated for the Honorable Board of Supervisors that the total Collections from Licenses for the fiscal year 1911 would amount to $1,220,000.00

The actual amount collected as per report was, however..... 1,237,774.85

Being in excess of estimate 17,774.85

Roceipts from. Retail Liquor Licenses during the fiscal year 1911 were less than for fiscal year 1910, in the amount of..... 18,000.00

It will therefore be seen that the Collections during the fiscal year 1911 from sundry other licensed occupations, have been actively enforced, thus overcoming the shortage in Retail Liquor License receipts and effecting, in addition, a gain over estimate.

Respectfully submitted,

J. O. LOW, Tax Collector.

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ANNUAL REPORT FOR THE FISCAL YEAR 1911—DAVID BUSH TAX COLLECTOR.

REAL ESTATE—FIRST INSTALLMENT

	CR.	DR.
To Total amount charged, Real Estate Taxes, First Installment		$4,146,525.58
By Taxes collected and paid to the Treasurer	$4,131,315.55	
By Property Delinquent (previously sold to the State)	6,208.95	
By Property Sold to the State for Taxes of 1911	8,139.93	
By Property withdrawn from sale under Sec. 3806 Political Code	830.64	
By Taxes cancelled by Board of Supervisors Res. 8519	29.42	
By Partial payments amount still due	1.09	
	$4,146,525.58	$4,146,525.58

REAL ESTATE—SECOND INSTALLMENT

	CR.	DR.
To Total amount charged, Real Estate Taxes, Second Installment		$4,146,525.58
By Taxes collected and paid to the Treasurer	$4,121,241.45	
By Property Delinquent (previously sold to the State)	6,463.09	
By Property Sold to the State for Taxes of 1911	17,958.03	
By Property withdrawn from sale under Sec. 3806 Political Code	830.64	
By Taxes cancelled by Board of Supervisors Res. 8519	29.42	
By Partial payments amount still due	2.95	
	$4,146,525.58	$4,146,525.58

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SECURED PERSONAL PROPERTY

	CR.	DR.
To Total amount charged, Personal Property Taxes secured by Real Estate		$ 436,102.51
By Taxes collected and paid to the Treasurer	$ 435,648.09	
By Property Delinquent (previously sold to the State)	348.82	
By Property Sold to the State for Taxes of 1911	81.51	
By Property withdrawn from sale under Sec. 3806 Political Code	24.09	
	$ 436,102.51	$ 436,102.51

UNSECURED PERSONAL PROPERTY

	CR.	DR.
To Total amount charged, Personal Property Taxes not secured by Real Estate		$ 129,568.27
By Taxes collected and paid to the Treasurer	$ 123,572.53	
By Amount cancelled by Auditor under Sec. 3805 Political Code	405.50	
By Amount cancelled by Assessor under Sec. 3881 Political Code	102.30	
By Amount Delinquent	5,487.94	
	$ 129,568.27	$ 129,568.27

CORPORATION STATE TAX

	CR.	DR.
To Total amount charged, Real Estate, First Installment		$ 5,829.63
To Total amount charged, Real Estate, Second Installment		5,829.63
To Total amount charged, Secured Personal Property		23,517.13
By Amount collected and paid to the Treasurer Real Estate, First Installment	$ 5,829.63	
By Amount collected and paid to the Treasurer Real Estate, Second Installment	5,829.63	
By Amount collected and paid to the Treasurer Secured Personal Property	23,517.13	
	$ 35,176.39	$ 35,176.39

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ANNUAL REPORT OF THE FISCAL YEAR 1911—Continued.

PENALTIES			CR.	DR.
To Amount charged, Real Estate Taxes, First Installment				$ 14,289.24
To Amount charged, Real Estate Taxes, Second Installment				4,427.62
To Amount charged, Secured Personal Property Taxes				923.18
To Amount charged, Unsecured Personal Property Taxes				2,126.09
To Amount charged, Corporation State Tax, Secured Personal Property				5.74
By Amount collected and paid to the Treasurer, Real Estate, First Installment			11,201.03	
By Amount collected and paid to the Treasurer, Real Estate, Second Installment			3,157.22	
By Amount collected and paid to the Treasurer, Secured Personal Property			832.29	
By Amount collected and paid to the Treasurer, Unsecured Personal Property			868.78	
By Amount collected and paid to the Treasurer, Corp. State Tax Secured Personal Property			5.74	
By 20% on amount delinquent	$15,210.03	Real Estate First Installment	3,042.00	
By 5% on amount delinquent	25,284.13	Real Estate Second Installment	1,264.21	
By 20% on amount delinquent	454.42	Secured Personal Property	90.89	
By 20% on amount delinquent	5,995.74	Unsecured Personal Property	1,199.15	
By 15% not collected on partial payments	$ 308.04	Real Estate First Installment	46.21	
By 5% not collected on partial payments	123.80	Real Estate Second Installment	6.19	
By 15% not collected on partial payments	16.17	Unsecured Personal Property	2.42	
By 20% not collected on partial payments	278.72	Unsecured Personal Property	55.74	
			$ 21,771.87	$ 21,771.87

ADDITIONAL AMOUNTS PAID TREASURER	CR.	DR.
Additional amounts collected and paid to the Treasurer		$ 30,901.13
From Taxes of previous years	$ 17,903.64	
From Costs Taxes of 1911	1,593.50	
From Costs Taxes of previous years	54.00	
From Duplicates and Overpayment of Taxes	6,111.16	
From Reassessment of Taxes 1910 (on roll of 1911)	251.83	
From Sale of Poll Tax	32.00	
From Proceeds of Property sold for the State of California	4,955.00	
	$ 30,901.13	$ 30,901.13

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RECAPITULATION

	CR.	DR.
Total Amount collected and paid to the Treasurer		$8,893,920.20
From Real Estate Taxes, First Installment	$4,131,315.55	
From Real Estate Taxes, Second Installment	4,121,241.45	
From Secured Personal Property Taxes	435,648.09	
From Unsecured Personal Property Taxes	123,572.53	
From Corporation State Tax, Real Estate, First Installment	5,829.63	
From Corporation State Tax, Real Estate, Second Installment	5,829.63	
From Corporation State Tax, Secured Personal Property	23,517.13	
From Penalties on Taxes 1911	16,065.06	
From Taxes of previous years	17,903.64	
From Costs Taxes of 1911	1,593.50	
From Costs Taxes of previous years	54.00	
From Duplicate and Overpayment of Taxes	6,111.16	
From Reassessment of Taxes 1910	251.83	
From Sale of Poll Tax	32.00	
From Proceeds of Property sold for the State of California	4,955.00	
	$8,893,920.20	$8,893,920.20

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RECEIPTS FROM SALES OF LICENSES BY TAX COLLECTOR FOR FISCAL YEAR ENDING JUNE 30, 1912.

1122	Apartments	$ 3,378.00
30	Assayers	330.00
12	Advertising Agents	120.00
171	Auctioneers	1,506.00
32	Ball & Ring Game	160.00
10	Ball Rooms	100.00
3	Base Ball	95.00
259	Bathing Establish..	1,097.00
3863	Bill'rd & Pool Tbls	15,452.00
10	Bill Posters	1,190.00
152	Bowling Alleys	760.00
64	Brokers, Cus. Hse..	595.00
1230	Brokers, Real Est..	6,550.00
298	Brokers, Mdse	1,750.00
479	Brokers, Stocks & Money	3,368.00
46	Carpet Cleaners	460.00
32	Circus Perform'ces	1,090.00
35	Concerts	175.00
25	Concert Halls	2,275.00
73	Concealed Weapons	219.00
4	Cycleries	16.00
1	Dance Hall	75.00
48	Detective Agents	720.00
4927	Dogs	9,854.00
411	Dogs Duplicates	205.50
60	Dyeing & Cleaning	452.00
34	Exhibitions	185.00
12	Express Agents	60.00
8	Gas Regulators	80.00
117	Guides	1,170.00
20	Guide Badges	50.00
1766	Hotels	7,483.00
20	House Raising or Moving	500.00
64	Insurance Co.'s	1,260.00
237	Intelligence Offices	3,792.00
580	Junk Dealers	862.00
992	Laundries	6,554.00
12	Light & Power Co.	107.00
8421	Liquor Dlrs. Retail	1,052,625.00
352	Liquor Dlrs. 1 day	3,520.00
378	Livery Stable	1,512.00
2246	Lodging Houses	6,754.00
6	Masked Balls	90.00
70	Mer. Coll. Agts	675.00
5	Merry-go-Rounds	50.00
446	Nickle-in-Slot—Mechanical	446.00
87	Nickle-in-Slot—Merchandise	174.00
6410	Nickle-in-Slot—Theatre	512.80
2	Itinerant Vendors..	100.00
271	Moving Pic., etc...	6,775.00
235	Pawnbrokers	7,285.00
1938	Peddlers	11,628.00
5	R. R. & Stage Agts	50.00
4118	Restaurants	13,696.00
5	Riding Academies..	20.00
6	Roller Skating Rks	120.00
154	Runners & Solicit'	1,540.00
14	Slaughterers	129.00
4	Sparring—Prof.	4,800.00
15	Sparring—Amateur	3,750.00
483	Second Hand Dlrs.	920.00
61	Shooting Galleries	457.50
267	Transfer & Deliv'y	1,335.00
24	Theatres	4,478.00
25	Towel Companies..	154.00
93	Warehouses	1,250.00
11	Water Companies	1,046.00
284	Autos—Passenger	992.50
179	Autos, Trucks, less 1 ton	460.50
69	Autos, Trucks, less 2 ton	354.25
68	Autos, Trucks, over 2 ton	687.25
27	Cabs	42.50
2142	Cars—Street R. R.	7,963.55
20	Coaches & Busses	93.00
257	Drivers Badges	257.00
113	Hacks	285.00
6024	Wagons—1 horse	9,600.25
4403	Wagons—2 horse	11,322.75
560	Trucks—2 horse	2,824.25
289	Trucks—3 or more horse	2,904.25
	Total	$1,237,774.85

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Coroner's Report

Coroner's Office,
City and County of San Francisco.

San Francisco, July 31, 1912.

To the Honorable James Rolph Jr.,
in and for the City and County of San Francisco.

Dear Sir:—In compliance with Section 9, Article XVI, of the Charter of the City and County of San Francisco, I herewith submit my annual report as Coroner for the fiscal year 1911-1912.

Respectfully submitted,

THOS. B. W. LELAND, Coroner.

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SUICIDES.

	Total	Male	Female
1911—July	11	9	2
August	15	13	2
September	19	15	4
October	16	10	6
November	15	15	
December	17	14	3
1912—January	17	16	1
February	14	13	1
March	21	17	4
April	13	10	3
May	26	21	5
June	16	13	3
	200	166	34

MODE.

Gas	52	Iodine	1
Gunshot	80	Chloroform	2
Hanging	14	Lysol	1
Carbolic Acid	4	Jumped from Roof	2
Cyanide Potassium	12	Jumped from Window	4
Strychnine	2	Jumped from Ship	1
Morphine	2	Drowning	3
B. Chloride of Mercury	2	Razor	8
Phenol	1	Electric Car	1
Hydrocyanic Acid	1	Knife	7
			200

CAUSES OF SUICIDES.

Despondency	100	Fear	1
Temporary Insanity	21	Out of Work	4
Intoxicated	4	Family Troubles	4
Jealousy	2	Grief	1
Business Reverses	6	Lovers Quarrel	2
Sickness	5		
Melancholia	3		153
		Causes Unknown	47

NATIVITY.

United States	60	Italy	4
Russia	7	Canada	4
France	7	Greece	2
Ireland	9	Mexico	2
Asia	1	China	2
Japan	5	Austria	3
Germany	26	Poland	1
Sweden	5	Norway	2
England	11	Spain	1
Australia	1	Switzerland	1
Denmark	1	Finland	1
			156
		Unknown	44

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MANNER UNKNOWN.

Drowning	36	Carbon monoxide	2
Fracture of skull	1	Cyanide of Potassium	1
Gunshot	1		
			41
Homicides	36	Self-inflicted abortion	7
Justifiable	5	Rabies	2
Manslaughter	2	Natural causes	604
Criminal abortion	5		

Total number of cases handled and investigated	1,136
Total number of cases inquested	532
Total number of Juries impaneled	155

OCCUPATION OF SUICIDES.

Accountant	2	Linguist	1
Attorney	1	Letter carrier	2
Brewer	1	Laborer	10
Baker	2	Laundryman	2
Book Agent	1	Miner	1
Broker	1	Merchant	3
Bell Boy	1	Machinist	1
Banker	1	Nurse	1
Bartender	5	Orderly	1
Barber	2	Pile Driver	1
Coppersmith	1	Physician	1
Chambermaid	1	Photographer	1
Cabinet Maker	1	Passenger Agent	1
Carpenter	3	Printer	3
Carpet Layer	1	Porter	4
Confectioner	1	Piano tuner	2
Contractor	1	Plasterer	1
Chauffeur	1	Peddler	1
Can Maker	1	Retired	6
Clerk	8	Solicitor	1
Collector	1	Sign painter	1
Cigar Maker	3	Steward	1
Druggist	1	Switchman	1
Dressmaker	1	Shoemaker	3
Domestic	2	School teacher	1
Electrician	1	Stableman	1
Elevator Operator	1	Surveyor	1
Ex. Soldier	1	Salesman	5
Farmer	1	Sailor	8
Farmhand	1	Sculptor	1
Freight handler	1	Teamster	2
Goldsmith	1	Tailor	3
Gardner	1	Theatrical	1
Hotel Clerk	1	Tinsmith	1
House cleaner	1	Veterinary Surgeon	1
Housewife	22	Watchman	1
Hatter	1	Waiter	4
Insurance Agent	1	Cook	3
			161
		Unknown	39

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ACCIDENTAL DEATHS.

Fall out of window	4	Fall from father's arms	1
Fall from lumber pile	1	Burns	15
Fall from buggy	1	Crushed by pipe	1
Fall from baby buggy	1	Crushed by machinery	4
Fall through skylight	1	Gunshot	3
Fall from windmill	1	Bichloride of Mercury	1
Fall from scaffold	3	Arsenic	1
Fall downstairs	7	Morphine	3
Fall from roof	1	Chloroform	2
Fall into basement	1	Cyanide of Potassium	1
Fall from wagon	5	Muiriatic Acid	1
Fall from gallery	1	Mushroom poisoning	2
Fall in ship	3	Explosion	1
Fall from building	4	Carbon monoxide	34
Fall from trestle	1	Ptomaine poisoning	2
Fall into tank	1	Drowning	23
Fall from rigging	1	Kicked by horse	3
Fall from bicycle	1	Run over by wagon	5
Fall from loft	2	Electrocution	3
Fall on polished floor	1	Struck by lumber	3
Fall in lot	1	Struck by baseball	1
Fall from mast	1	Struck by lump of coal	1
Electric car	30	Struck by sling of freight	2
R. R. train	21	Struck by hoisting bucket	2
Automobile	12	Struck by piece of steel	1
Elevator	9	Struck by roller	1
Breaking of rope	1	Struck by iron bar	1
			234

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Report of Board of Health

San Francisco, Cal., October 17, 1912.

Honorable James Rolph, Jr.,

Mayor, City and County of San Francisco.

Sir:—In accordance with Article 9 of Section 16 of the Charter of the City and County of San Francisco, I have the honor to submit a report of the Department of Public Health for the fiscal year ending June 30th, 1912.

During the first half of the fiscal year the Board of Health was composed of the following members.

Dr. George L. Eaton, President, Dr. Henry D. Brusco, Dr. Guy E. Manning, Mr. Frank J. Klimm, Mr. D. J. Murray, Mr. Germain Pouchan and Mr. A. M. Sharp. The following was the personnel of the various committees.

BUILDING COMMITTEE.

A. M. Sharp, Chairman; Frank J. Klimm and G. Pouchan.

FINANCE COMMITTEE.

Mr. G. Pouchan, Chairman; D. J. Murray and A. M. Sharp.

HOSPITAL COMMITTEE.

Henry D. Brusco, M. D., Chairman; Guy E. Manning, M. D. and Germain Pouchan.

SANITATION AND LEGISLATION COMMITTEE.

F. J. Klimm, Chairman; H. D. Brusco, M. D., and D. J. Murray.

JOINT COMMITTEE BOARD OF EDUCATION AND BOARD OF HEALTH ON SCHOOL MEDICAL INSPECTION.

Dr. Guy E. Manning.

On December 19th, 1911 in pursuance to a judgment and decree given by Judge Seawell in the Superior Court Thomas W. Huntington, M. D., George B. Somers, M. D., Joseph E. Cutten and A. H. Barendt were re-instated as members of the Board of Health in lieu of Henry D. Brusco, M. D., George L. Eaton, M. D., Germain Pouchan and A. M. Sharp respectively. Mr. A. H. Barendt was appointed President, and Dr. R. G. Brodrick, Health Officer. On December 22d the term of Joseph E. Cutten as member of the Board of Health expiring, Mr. A. M. Sharp was appointed to fill said vacancy on the thirtieth day of December 1911. The President assigned the members to the following committees.

BUILDING COMMITTEE.

G. B. Somers, M. D., Chairman; F. J. Klimm and D. J. Murray.

FINANCE COMMITTEE.

A. M. Sharp, Chairman; G. B. Somers, M. D. and D. J. Murray.

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HOSPITAL COMMITTEE.

T. W. Huntington, M. D., Chairman; G. B. Somers, M. D. and Guy E. Manning, M. D.

SANITATION AND LEGISLATION COMMITTEE.

Guy E. Manning, M. D., Chairman; A. M. Sharp and F. J. Klimm.

JOINT COMMITTEE BOARD OF EDUCATION AND BOARD OF HEALTH ON SCHOOL MEDICAL INSPECTION.

Guy E. Manning, M. D.

DISABILITY COMMITTEE.

A. H. Barendt, Chairman; G. B. Somers, M. D. and Guy E. Manning, M. D.

This new committee was formed by virtue of the following resolution:

There is hereby established and created a "Disability Board" to be composed of three members of the Board of Health, two of whom shall be physicians. The duties of said "Disability Committee" shall be to carry into effect the following rules regulating employes in the Department of Public Health.

All employes shall be required to undergo physical examination before being formally appointed by the Board of Health.

The City Physician shall make such physical examinations with the exception of employes assigned to the Field Force of the Central Office who shall be examined by the Chief Sanitary Inspector, and women employes who shall be examined by the woman physician of the Relief Home.

Printed forms to be used by medical examiners in such examinations to be prepared by the Health Officer.

Civil Service probationers shall be required to pass a second physical examination before permanent appointment is confirmed.

All employes who may absent themselves on account of illness for a period exceeding seven days shall be visited by the City Physician who will make a report to the Health Officer of the nature of the illness, accident or disability and probable duration of same. In the case of institutional help, the heads of each institution will make such report.

If any employe has been absent from this Department for a period exceeding thirty days in each fiscal year, a report shall be filed by the Health Officer with the Disability Board who will thereupon make a full investigation and submit a report of their findings and recommendations to the Board of Health.

All applications for sick leave covering a period of one month shall be referred to the Disability Board before being formally acted upon by the Board of Health.

Employes may at any time on recommendation of the Health Officer be required to appear before the Disability Board after physical examination by the City Physician if in the judgment of the Health Officer such procedure be deemed necessary.

Said Disability Board is herewith empowered to add such rules and regulations that they may see fit for the proper conduct of this work.

On June 8, 1912, Dr. A. P. O'Brien was appointed a member of the Board of Health vice Dr. Thomas W. Huntington, resigned, and was assigned to the Committees on which Dr. Huntington had been serving.

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POPULATION.

The population of San Francisco as given by the Federal 1910 Census was 416,912. At this time we can safely estimate on 475,000 people, and on this last figure we base our calculations of the annual birth and death rate. In many cities there is a system of enumeration by the Police Department and the instructions usually given require the enumerators to consider as permanent residents persons "whose regular business is in the city though they may sleep outside or be absent temporarily." The result of this system works in the direction of abnormally increasing the returns, and while this city does not follow this practice, the custom of adding six percent per year to the population, which is in vogue in many cities, has been followed out in figuring the "estimated" population.

BIRTHS AND STILL-BIRTHS.

The number of births registered during the fiscal year totals 6,999, an increase of 368 over the previous fiscal year. This is not a remarkable showing and we feel quite certain that many births occur that do not find place upon the records of the Health Department. Of the total number registered 3,629 were males and 3,370 were females. 6,684 were white, 27 black, 143 Chinese and 145 Japanese. 361 still-births were registered, 205 males, 156 females. These are not included in the birth or mortality tables.

The annual birth rate for the fiscal year (exclusive of still-births) was 14.73 per 1,000 population.

MORTALITY FIGURES.

6,769 deaths were recorded or 230 less than there were births registered.

The death rate per 1,000 of population during the year was 14.25. For the fiscal year 1910-1911 the rate was 13.59, the total number of deaths reported in that period being 6,356. The increase in the number of deaths appears to be normal, as the constant addition to the population naturally brings with it an increased mortality.

Of the total deaths registered 4,187 were males, 2,582 were females. 6,387 white, 58 black, 272 Chinese, and 52 Japanese. 1,036 were natives of San Francisco, 1,107 other parts of California, 1,367 other States and 3,080 foreign. 179 were of unknown nativity.

A detailed statement concerning the mortality of the year appears in the appendix, and reference to that report should be made for statistical information further than has here been given.

GENERAL MORTALITY.

The following is a list of the mortality of the "reportable" diseases.

Tuberculosis of the Lungs	677
Tuberculosis (other forms)	153
Pneumonia (Lobar)	396
Diphtheria	29
Measles	69
Scarlet Fever	3
Typhoid Fever	69
Whooping Cough	23
Rabies (Human)	3

Deaths from other causes in the relative order of their importance were as follows:

Organic diseases of the Heart	958
Cancer (all organs)	486
Bright's Disease	433

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Broncho Pneumonia	225
Diseases Early Infancy (excluding gastro-intestinal)	233
Old age	96
Deaths from external causes	601

INFANT MORTALITY.

The number of infants born alive during the year was 6,999. During the same period 233 infants under the age of one week died, principally from causes incident to birth. 172 infants between the ages of one month and two years died from gastro-intestinal disturbances. A total of 405 under the age of two years, or 17% of the number born. The mortality from gastro-intestinal diseases is very slight compared to the general mortality, being less than one-fifth of one percent. It is generally conceded that deaths of infants from these causes are due to improper feeding or to impure milk. From the ratio as here stated it would appear as if this City has not the same problem to grapple with insofar as infant mortality is concerned as other places less favorably situated where climatic conditions, especially during the summer months, work terrible havoc among the infant class.

COMMUNICABLE DISEASES.

The number of cases reported to this department are shown in the following table, which is arranged for easy comparison with the mortality figures.

Tuberculosis of the Lungs	1,257
Lobar Pneumonia	532
Diphtheria	243
Measles	4,582
Scarlet Fever	281
Typhoid Fever	280
Whooping Cough	415
Smallpox	46
Varicella	651

The foregoing are considered to be of the most importance. A full report of all communicable diseases registered is contained on page 632.

A comparison between the morbidity and mortality tables furnished herein shows 54% of deaths of all cases of Tuberculosis reported; Pneumonia 75% Diphtheria 11%; Measles one-sixth of one per cent: Scarlet Fever shows but 3 deaths out of 281 cases reported; Whooping Cough 6%; Typhoid Fever 25%. While 46 cases of Smallpox were recorded, no deaths occurred from this disease.

TUBERCULOSIS.

This disease caused 830 deaths or about one-twelfth of the total mortality, of which 677 were due to Tuberculosis of the Lungs. The mortality from this disease exceeded that of Lobar Pneumonia, Typhoid Fever, Diphtheria, Scarlet Fever, Measles, Whooping Cough and old age combined.

The deaths according to years were as follows:

10% under 5 years of age.
6½% between 5 and 20 years.
65% between 20 and 50 years.
17% over 50 years.

It will be seen from these figures that this disease is chiefly one of middle life, more than one-half of the deaths occurring between the twentieth and the fiftieth year, the active working period. On the other hand, Cancer and Organic

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Heart Disease, which claim many victims, occur chiefly in later life, and the mortality from Diphtheria, Measles, Scarlet Fever and Whooping Cough is usually during childhood.

The comparative mortality from Tuberculosis according to races was as follows: Whites, 11%; Negroes 24½%; Chinese 25%; and Japanese 37½%.

Since the passage of the Tuberculosis Ordinance in 1908, physicians are reporting their cases to the Health Department, 1,257 having been recorded during the past fiscal year. The measures adopted by this department to prevent the spread of the disease, such as information furnished patients, disinfection of premises, etc., is no doubt accountable for the decreased mortality during the past five years, there being—

729 deaths in 1907-1908
689 deaths in 1908-1909
706 deaths in 1909-1910
702 deaths in 1910-1911
677 deaths in 1911-1912

The erection of the new Tuberculosis Hospital marked a great advance in the proper treatment of the Tuberculous. As this is the only hospital in San Francisco where sufferers from this disease are admitted, the same should be maintained on a much higher plane than the average municipal hospital.

The control of Tuberculosis is essentially one for governmental supervision and bears a close relationship to faulty housing conditions. For this reason many States, including California, have enacted tenement house laws requiring Health Departments to approve the lighting, ventilation, plumbing and other sanitary features of buildings before construction. Further, to issue permits of occupancy and inspect these buildings frequently after same are occupied. The City Attorney recently stated that it is the duty of this department to enforce the State Tenement House Law, but I regret that owing to lack of funds to employ the force necessary, this work so essential to the health of the community could not be undertaken.

TYPHOID FEVER.

280 cases of this disease were reported during the year, 182 being of local origin. In the months of August and September 1911 a suspiciously large number of cases appeared to be developing in the southern part of the City known as the Excelsior Homestead District, close to Ocean View. An investigation was started with the result that a focus of infection was located, and extracts from the report given herewith will indicate the findings.

"In reference to Typhoid Fever in the southern part of the Excelsior Homestead District, permit me to inform you that the presence of the disease in this district did not become alarming until October 2d, on which date a careful examination of said district was made and the source of infection located in a dairy in the vicinity. Upon investigating this dairy, it was found that one of the milkers was an ambulatory case of Typhoid and that he was infecting the milk from the cows which he was handling. On the confirmation of the diagnosis of Typhoid Fever in this individual, he was immediately removed to the County Hospital. All milk utensils, tanks, buckets, etc. were thoroughly boiled and the udders of all the cows on the dairy were property washed and sterilized under instructions from the Dairy Inspector of this Department. The water in the well on the premises in question was tested bacteriologically for Typhoid and found negative."

The records show that a total of 34 cases originated directly from this one ambulatory case, all of these occurring between the dates of September 1st and October 19, 1911. Of these 34 cases, 24 are known to have occurred in

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persons who were patrons of the dairy in question, using milk delivered directly from the ranch: 10 cases were those of actual contacts or of those using milk purchased from various groceries, delicatessens, etc., who received their milk supply from the same dairy. That the precautions taken were productive of good results can best be verified by the statement that in November 1911 but 10 cases of this disease were reported.

In the months of May and June 1912, another invasion of this disease made itself apparent by the development of numerous cases in what is known as the Potrero District in the southern part of the City, particularly in an area of several well populated blocks, entirely lacking in sewer facilities, the plumbing fixtures of many dwellings draining into cesspools dug out of almost solid rock, these rapidly filling to overflowing and discharging their contents over the surrounding sloping surface area. Undoubtedly the source of origin of many of the cases which developed in this locality (53 in number) can be safely attributed to the insanitary surroundings as herein described, though investigation pointed strongly to possible milk infection, as in tracing the history of these cases it was found that a certain dairy depot was supplying many families wherein the disease occurred and likewise was furnishing milk to several restaurants where some of the victims were in the habit of eating. Acting on the side of precaution, this department took the necessary steps to improve the sanitary condition of the dairy depot in question in order to insure the proper handling of its products and thus tend to minimize the possibility of danger of infection from this source. A joint sanitary survey of the affected locality was made by the officials of this department together with the engineers of the Board of Public Works with the result that public proceedings have been instituted to install the necessary main sewers in this district and the discontinuance of the use of cesspools, which are a constant menace to health, will no doubt tend to prevent a recurrence of a similar epidemic. Further investigation of this outbreak revealed the existence of many over-flowing cesspools draining to a common center forming a mire of filth, and water pipes exposed in this mass were found broken in several places, caused by vehicles passing over them, thereby permitting direct contamination of the water supply. Garbage, refuse and other decaying animal and vegetable matter littered the streets and flies were very numerous.

Measures were at once taken to improve hygienic conditions by the free use of chloride of lime and cresol compound which were generously employed to disinfect the polluted surface area of streets and yards, and a liberal supply of both of these preparations were given to the residents of the district with instructions not to be sparing in its distribution.

Directions were given relative to construction of proper cesspools (the district being unsewered) and printed notices relative to danger from contact, flies, etc., were delivered to all householders.

Special attention was given to the water supply of the locality affected, with the result that storage reservoirs were thoroughly cleansed and a special tank was installed in order to increase the pressure.

The conclusions arrived at in this endemic are as follows:

1st. That all of the cases in this locality were indirectly, if not directly traceable to milk infection, which infection may have been transient in its nature and which occurred sometime in May and continued through to the middle of June.

2nd. That water was not a factor as far as local cases were concerned.

3rd. That a large number of the cases, excepting the simultaneous dates of onset, could be justly classed as direct "contacts."

4th. That flies as carriers in this outbreak can safely be excluded because of the small per cent of cases that might be indefinitely traced to such source.

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5th. That from the mildness of the cases and the repeated negative Widals, stool and urine reactions, and the rapid recoveries, there has been an element of doubt in the minds of the attending physicians as to the correctness of diagnosis in many cases.

In connection with this disease a somewhat perplexing condition was presented in November 1911 owing to the occurrence of cases on the Steamer "Acme," plying between San Francisco and Eureka, Cal., and engaged in the lumber and merchandise trade. 18 cases of Typhoid had developed on this vessel within 18 months. Repeated inspection of the steamer, bacteriological tests of the water and food stuffs, absolutely failed to reveal anything that would indicate a source of origin. One of the members of the crew, who had been attached to the vessel for a period of over three years and who had a history of typhoid infection, voluntarily permitted himself to become an inmate of the City and County Hospital in order to give an opportunity to examine his blood, feces, etc., for traces of the bacillus, it having been suggested that perhaps as an ambulatory case he was transmitting the disease to others. All of the tests known to bacteriological science were made in this case without result. The matter was placed in the hands of the State Health Officials with a view to taking exhaustive measures in an effort to locate the focus of infection. The officials of the State Board made sanitary surveys of the ship and found that repeated attempts had been made by the owners to interrupt the series of typhoid cases by such measures as replacing the water tanks, and rendering the forecastle more sanitary. The toilets were in a filthy condition but were subsequently improved by the installation of modern appliances. The danger of conveyance of infection by flies was probably very slight while the ship was at sea, but considerable when she was tied up at fly-invested wharves. The food supply contained no fresh milk. Raw vegetables were used to a certain extent. Other ships buying supplies in the same market were comparatively free from typhoid. The common drinking supply aboard the ship was a barrel that lay on its side and water was obtained by dipping into the dark barrel through a small square aperture with a common battered drinking cup. It is apparent that the hands of the crew would be wet while obtaining water from this cask and that the drinking water would thus be contaminated. Water from each supply was examined at the laboratory. Colon Bacilli were absent except in one or two examinations. Efforts were then made to detect the possible "carrier" and this narrowed down to the suspect originally tested out by the local Health Board, and in tracing down the record of the cases admitted to the U. S. Marine Hospital in San Francisco, it was learned that this suspected carrier was apparently responsible for one-fourth of all the cases of typhoid admitted to that institution and one-third of the deaths that occurred from the disease. A conference was held among the officials of the State Board of Health, the Health Officer of San Francisco, the surgeon of the U. S. Marine Hospital and the Director of the Hygienic Laboratory at Berkeley and a representative of the steamship company. As a result the typhoid carrier entered the Marine Hospital for treatment and was there placed in quarantine under date of March 19th, 1912 and was treated with a typhoid vaccine prepared in the laboratory of the service. Examinations for a time showed the continued presence of typhoid bacilli but they eventually proved negative and treatment was continued for a period of several months. Since the detention of this carrier no further cases of this disease have developed.

RABIES.

For the first time in the history of this city, Rabies made its appearance in the month of October 1911, when Veterinarian K. O. Steers reported that a fox-terrier under his care developed the symptoms of this disease. The body of the dog was sent to the State Hygienic Laboratory at Berkeley and upon the

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brain being examined by Director W. A. Sawyer, large numbers of the characteristic "Negri Bodies" were found.

On February 2, 1912 the first of twenty-two cases which occurred during that month was reported and immediate steps were taken to prevent the spread of the disease. A conference was held at the Health Office, at which were present representatives of the State Board of Health, Federal Health Service, Society for the Prevention of Cruelty to Animals, the Board of Supervisors, Veterinary Surgeons, representatives of kennel clubs and others interested in dogs. It was determined that it was necessary to control a large number of homeless dogs throughout the City and further to require that all dogs when on the public streets be kept under proper restraint. The following proposed ordinance was drafted and submitted to the Board of Supervisors, and passed by said body on March 18, 1912:

ORDINANCE NO. 1828 (New Series).

Requiring the Muzzling of Dogs.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. Every dog not kept within a sufficient enclosure or led and controlled by a line, rope or chain, or not being effectually muzzled so as to prevent such dog from biting persons or animals, is hereby declared to be a menace to public health and safety.

Section 2. Every person owning or having control of any dog shall effectually muzzle it so as to prevent it from biting persons or animals, provided, however, that no dog need be muzzled while kept within a sufficient enclosure or led and controlled by a line, rope or chain. All muzzles shall be properly adjusted and shall be of a design approved by the Department of Public Health.

Section 3. Every dog not kept within a sufficient enclosure or led and controlled by a line, rope or chain, or not muzzled, as required by the provisions of Section 2 hereof, shall be immediately impounded in the public pound by any peace officer or the poundkeeper.

Section 4. Every person violating any of the provisions of this Ordinance shall be deemed guilty of a misdemeanor and, upon conviction thereof, shall be punished by a fine of not more than fifty (50) dollars or by imprisonment in the county jail for not more than fifty (50) days or by both such fine and imprisonment.

Section 5. This Ordinance shall take effect immediately and be and remain in full force and effect up to and including the first day of July 1912.

Finally passed, Board of Supervisors, San Francisco, March 18, 1912.

J. S. DUNNIGAN, Clerk.

Approved, San Francisco, March 20, 1912.

JAMES ROLPH JR., Mayor.

Following the adoption of the above ordinance, linen tags were prepared and printed as follows:

"To the Owner:—This dog is not effectually muzzled and the muzzle is not the design approved by the Department of Public Health as required by Section 2 of Ordinance 1828.

The design approved by the Department of Public Health is the basket-shaped muzzle which, while permitting free movement of the jaws, prevents the dog from biting. The owner is liable for failure to comply with above requirements.

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Any further information will be furnished by the Department of Public Health, 1085 Mission Street, phone Market 1491; Home phone J 3281."

(On the reverse side of tag was printed copy of Ordinance 1828).

These tags were distributed to the captains of police with request that the same be attached to the collar of any dog ineffectually muzzled so that its owner might be notified that the number of dog license had been noted by the officer and if the owner continued violation of the ordinance, same would result in arrest. Printed information regarding Rabies was published and given to persons reported to have been bitten by suspected animals, receipt for the same being obtained.

Steps were taken to notify the general public of the necessity of reporting to the Health Department all cases of dog bites and urging the advisability of persons bitten submitting to the Pasteur Treatment in cases where the bacteriological examination of the brain tissue of dogs inflicting the wound revealed that they had Rabies. The anti-rabic virus obtained from the United States Public Health Service through the State Hygienic Laboratory was supplied to all indigent cases.

The following is a record of the epizootic from October 10, 1911 to June 30, 1912.

Date.	Human	Canine	Bovine	Feline	Total
October		1			1
February		21			21
March	2	41		1	44
April		68	2	1	71
May		44			44
June	1	32		1	34
Total	3	207	2	3	215

The Society of Prevention of Cruelty to Animals, which controls the Public Pound, co-operated to the utmost with this Department. Extra wagons were placed in operation during the months of February, March and April and thereafter an automobile truck was purchased to be used for collecting homeless and unlicensed dogs. A record of their operations is herewith appended.

Date.	Dogs Impounded.	Dogs Destroyed.
February	1,045	799
March	1,309	1,011
April	1,133	869
May	761	670
June	839	494
	5,097	3,843

The outbreak is now well under control but active measures must be continued for some time in this City as well as other parts of the State before the disease can be eradicated.

MEASLES.

An epidemic of measles began in October 1911 with 208 cases. In November 245 cases were reported, in December 476, in January 1,028 and in February 1,160. March began to show a rapid decline with 836 cases to its credit and in April the figures dropped down to 250; May showed 91 cases marking the end of what was considered an extraordinary invasion. In an effort to stamp out the contagion a conference of the Sanitary Inspection corps, the

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School Medical Division and representatives of the medical profession at large was held, and various plans were suggested with a view to controlling the situation, but it would seem from our experience that an invasion of this disease once well under way seems impossible of control. It simply appears to run its course and then naturally abates itself. The value of school medical inspection was in this instance very strongly shown as 75% of the total number of cases reported were discovered by the nurses in this division.

SMALLPOX.

An outbreak of Variola of a virulent type during the month of June, at a time of the year when this disease is as a rule in abeyance, excited the attention of the medical fraternity, owing to the fact that this State was one of the three so visited. The mortality in some localities was as high as 50%, but not one case died in San Francisco.

Owing to the State vaccination law being so modified as not to require children attending the public schools to be successfully vaccinated, there is a large portion of our population now growing up who are absolutely unprotected from this disease. We must, therefore, be prepared for such out-breaks.

DAIRY INSPECTION.

During the year 5,218 samples of milk were taken from milk wagons, stores, restaurants and the various points of entry, to-wit: the wharves and railroad depots, and examined by the laboratories. Of these 287 were found to be sufficiently below the standard to warrant arrest. 117 were convicted and $3,275.00 in fines collected. 165 cases were dismissed with reprimands and 5 cases are still pending.

There are approximately one hundred premises within the City and County of San Francisco furnishing milk in violation of the two cow ordinance. All of these violators were arrested during the month of July 1911 and a test of the validity of the ordinance was made. Mr. J. Fassler, who maintains the Del Monte Ranch at 5230 Mission St., was convicted in the Police Court for maintaining more than two cows to the acre. He thereupon applied to the Superior Court, which during the month of March 1912 rendered a decision upholding the ordinance and ordering the said Fassler to comply therewith. This department is now engaged in bringing about the enforcement of the provisions of this Ordinance, and it is hoped that within a short time there will be no large dairies within the City and County of San Francisco except such as are strictly complying with the provisions of the Ordinance.

The sanitary condition of the dairies outside the City and County of San Francisco is gradually being brought to a higher standard. There are now about 143 dairies in 11 counties furnishing milk to this City. The task of inspecting these dairies at regular intervals devolves upon the two dairy veterinarians of this Department. Special inspections however are made whenever the bacterial count of milk samples taken from a dairy exceeds 200,000 bacteria per cubic centimeter. A great improvement in the milk supply of San Francisco has taken place during the past four years. This has, no doubt, in a great measure been due to the active co-operation of the Milk Improvement Association whose interesting report will be found on page 657.

INDUSTRIAL INSPECTION.

The inspection of sanitary conditions of factories, workshops and places where foodstuffs are handled is of great benefit to industrial workers. Special attention has been paid during the year to women employes through the appointment of a Female Industrial Inspector, whose time is devoted to bettering the

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conditions of working women, as well as bringing about sanitary handling of food products manufactured in canneries, candy factories, bakeries, etc. This division also inspects the numerous nickelodeons and theaters throughout the City, requiring compliance with the Ordinance regulating the proper ventilation and light, as well as the general requirements of sanitation.

PLUMBING INSPECTION.

The inspections in the plumbing division do not show as large a number of inspections during the last fiscal year as in previous years, but the importance of the work has perhaps been as great if not greater than at any previous time, as the inspections have been mainly on the smaller structures constructed in the outlying sections of the city, where there was greater difficulty in disposing of the waste and drainage, than is the case in buildings nearer the center of the city.

MARKET INSPECTION.

San Francisco is one of the few cities that has an organized market inspection, a meat inspector being detailed in each abattoir, where killing is done, and all carcasses that are found healthy and fit for human consumption are stamped with the accompanying meat brand:

All diseased and unfit carcasses are condemned and destroyed. A glance at the tables of condemnation and seizures will show the enormous amount of unfit food product disposed of during the year.

REMOVAL OF REFUGEE SHACKS.

It would be difficult to point out any particular line of action or sanitary condition which could be said to be of greater importance than another, unless it were the stupendous task of eliminating the refugee shack with its attendant insanitary conditions, and in the majority of instances extreme poverty of its occupants, that remain as a legacy of the catastrophe of 1906. The importance of the elimination of these shacks is two-fold to the community.

1st: That their maintenance has been the cause of retarding the building up of the various sections of the city.

2nd: By reason of the extreme poverty as a class of the occupants of these shacks, it has been a difficult question to solve, the Board endeavoring with every step of the elimination to assist these people in securing such resources as would maintain them in an independent manner. Hence what would at first seem an easy problem by simple condemnation and removal, becomes at once, not only an economic factor, but also a sociological factor, which has been met most successfully by the stand taken by the Board of Health, namely, that it is better to save one occupant to the community in a self supporting way, than to place them in the Relief Home as a charge upon the city.

SANITATION OF STABLES.

The next piece of sanitary work which has become a particular feature of this city is that of placing the stables in a sanitary condition. By means of the stable ordinance it can be said that over 90% of all stables maintained in San Francisco, housing close to 20,000 horses, have concrete floors and concrete side or area walls extending not less than 8 inches above the surface soil; have metal lined manure bins within the stable ventilated through the roof to the outer air, and are properly drained to the street sewers, reducing to a minimum harboring places for rats and breeding places for flies, both of which pests cause a large monetary loss to the community annually by reason of being hosts as well as carriers of disease, the rats, in addition, consuming large quantities of feed annually.

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SANITARY OPERATIONS OF THE UNITED STATES PUBLIC HEALTH SERVICE.

Following the eradication of Plague in 1903 it was deemed advisable that measures for the prevention of the return of this disease be actively and vigorously continued by the United States Public Health Service, in co-operation with this Department. During the fiscal year ended June 30, 1912, the following measures have been consistently applied:

1st: Measures for the immediate recognition of rat plague, should such occur.

2nd: Measures for the destruction of rats.

3rd: Measures for the destruction of rat food.

4th: Measures for the destruction of rat harbors and for the permanent rat proofing of buildings.

First: Measures for the immediate recognition of rat plague, should such occur.

It is widely known that practically all epidemics of human plague are preceded by an epizootic of this disease among rats, and the city's first line of defense lies in the thorough and consistent examination of the rodent population. Should an infected rat be found, measures for the destruction of all rats in the vicinity of the infected animal may be at once instituted, the small focus destroyed and the further spread of the disease prevented.

During the fiscal year, 8,000 traps spread over the entire city have been in continuous operation. The premises trapped included stores, sewers, restaurants, stables, dwellings, factories, bakeries, warehouses, steamers, vacant lots, the water-front and Butchertown. The above traps were placed, baited and inspected daily by a force of Federal employes consisting of twenty-five expert rat trappers under the immediate direction of three foremen. Rats trapped were very carefully tagged, giving the exact location where caught and the date. They were then immediately forwarded to the Federal laboratory, where a careful post mortem examination was made of each rat. During the fiscal year 67,289 rats trapped, 8,382 mice trapped and 833 rats found dead were forwarded to the Federal Laboratory for examination. Only once during the year was a suspicious rat reported. Infected material from this rat was immediately transmitted to the City and State Bacteriologists in order that independent examinations might be carried out and corroborative evidence be at hand should the findings of the Federal Laboratory prove positive. Pending these reports the trapping squad was doubled in the district from which the suspicious rat came and every preparation made for the vigorous application of all measures necessary for the destruction of this focus. Fortunately the laboratory's findings proved negative.

Second: Measures for the destruction of rats.

In addition to the destruction of rats by trapping incidental to their examination, only one other method has been applied directly for the destruction of rats, namely: the placing of poison. During the fiscal year 1,405,400 pieces of rat food covered with rat poison have been placed. While the number of rats destroyed cannot be accurately stated, from the evidence of rat carcasses found and the absence of rats over the premises poisoned, it can be assumed that the results were very satisfactory.

Third: Measures for the destruction of rat food.

By rat food is meant waste food, or food refuse, such as is thrown carelessly on vacant lots or around garbage cans or into imperfect garbage cans, or surplus food thrown to chickens, etc. While imperfect garbage cans represent a most important source of rat food and provide for rat sustenance, the examination of all garbage cans within the city would require the inspection of practically 2,500 city blocks. This work was not feasible with the small force of employes and could not be undertaken. However, as an index to the condition of the garbage cans, a sufficient

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number of blocks have been inspected to justify the statement that from twenty to twenty-five per cent of all garbage cans at present in use are defective and should be renewed. As a result of this partial inspection, 2,556 new garbage cans have been installed during the year. Plans are now being made which it is hoped will permit the complete reinspection of all garbage cans in the city. Three hundred and forty-four chicken yards have been inspected with the result that 69 have been remodeled in accordance with Ordinance No. 384, while 275 containing 3,213 chickens have been abandoned. One thousand four hundred and eighty-eight premises consisting of vacant lots, buildings, basements, passage ways and yards containing food material of a perishable nature have been cleaned.

Fourth: Measures for the destruction of rat harbors and for the permanent rat proofing of buildings.

The complete destruction of all rats can be accomplished only by the separation of this rodent from his food supply. This is to be approached by the removal of all rat harbors and reached by the rat-proofing of all buildings and the screening of all rat food. The rat must be built out of existence by the adoption of the following measures:

1st: The erection of rat proof buildings only.

2nd: The closure of all accidental openings in existing buildings of rat proof construction.

3rd: The remodeling of all existing non-rat proof buildings, using rat proof material, or the destruction of such buildings.

4th: The removal of all material covering yards, sidewalks or passage ways which will permit rat refuge.

During the fiscal year measures according to the above classifications have been applied in the following way: Six employes of the City designated as Special Sanitary Inspectors and two Federal Inspectors have been detailed to carry out the above work.

1st. For the inspection of new buildings in the course of construction two Special Sanitary Inspectors have been constantly on duty. Through the courtesy of the Board of Public Works they were supplied with a list of all permits for the erection of new buildings and with this list as a general guide all buildings in the course of erection have been carefully inspected, and construction in accordance with the rat-proofing requirements rigidly enforced. During the fiscal year 1,666 new buildings were erected in accordance with rat-proofing regulations; 2,603 basements, 45 floors, 174 yards, 558 passageways and 1,370 sidewalks were constructed of concrete, a total of 4,063,634 square feet having been laid. The importance of this work cannot be overestimated since it limits the task of rat proofing the city to existing buildings alone.

2nd: The closure of all accidental openings in existing buildings of rat proof construction.

An examination of the reports of rat trappers after the segregation and identifications of rats trapped, indicates that the variety commonly known as roof rats or "second story" rats (Mus rattus and Mus alexandrinus) forms nearly forty per cent of the total catch. Nearly ninety per cent of these rats were trapped in fireproof buildings falling within the A, B or C classification of the building laws. An examination of these theoretically rat-proof buildings shows that they have become non-rat-proof buildings through the neglect of plumbers and electricians to properly close openings made for the installation of water, gas, electricity, etc., and partly to the omission of screens to ventilators, light wells and other roof openings.

This question has received special attention. Careful inspection is made of all such buildings and all openings found noted. The requirements necessary to put such buildings in a rat-proof condition are submitted to the owners and as a result of these inspections the following work has been carried out during the fiscal year:

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Ventilators on roof, screened	431
Ventilators in basements, screened	510
Openings around pipes closed with cement	1,900
Openings in walls, ceilings and floors covered with wire lath and cement	2,334
Non used chimney flues screened	99

3rd: The remodeling of all existing non-rat-proof buildings with rat-proof material or the destruction of such buildings.

Under this division is included all frame buildings, with or without basements and generally lacking foundation walls impervious to rats. The majority of buildings within the city fall within this class, and represent the principal obstacle to be overcome in the rat-proofing of the city, since they permit the easy access of rats afford refuge, and supply food. This is especially true where such buildings are occupied by stores which prepare food or keep food for sale, such as meat markets, bakeries, vegetable stores, delicatessen stores, candy factories, etc. The rat-proofing of such structures receives special attention and wherever buildings of this character are found, careful inspection is made. If rat evidence is noted, rat proofing requirements in accordance with the City Ordinance are submitted to the owners of such premises and when such owners fail, neglect or refuse to comply, such buildings are recommended for condemnation to the Board of Health.

During the fiscal year 858 buildings found rat infested and in a generally insanitary condition have been submitted. Rat proofing (the result of this work), represented in concrete laid, may be indicated by the statement that during the fiscal year 1,700,060 square feet of concrete has been placed in such buildings for rat-proofing purposes.

In conclusion the following observation is worthy of note: Fleas in San Francisco, which were formerly numerous, have, during the past two years, decreased markedly in numbers. This can be ascribed in a large measure to the reduction in the rat population, and when it is remembered that the flea acts as the transmitting agent of the plague from the rat to man, the importance of rat reduction can be more fully appreciated.

The volume of work done by the U. S. Federal Health authorities is shown by the following statement:

1. Measures Taken for the Destruction of Rats.

No. of rats trapped	67,289
No. of rats found dead	833
No. of mice trapped	8,382
No. of poisons placed	1,405,400
No. of squirrels trapped	5
No. of gophers trapped	10

Remarks: The number of mice trapped is an unavoidable incident in the trapping of rats.

No. of lbs. of bacon	4,396
No. of lbs. of cheese	930
No. of loaves of bread	6,117

Rats identified:

Mus norvegicus	46,597
Mus rattus	10,359
Mus alexandrinus	11,166
Mus musculus	8,382
Total	68,122

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Report of Rat Catch.

Character	No. of Premises	No. of Cage Traps	No. of Snap Traps	Rats	Rats per 100 Traps per Day	Rats per 100 Traps per Year
Stores	758	97	2,915	21,283	1.926	704.9
Sewers	289	254	45	8,962	8.18939	2,997.82
Restaurants	257	42	1,069	9,766	2.401	879.029
Stables	167	46	554	5,710	2.6001	951.66%
Dwellings	611	52	1,501	9,868	1.648	603.219
Factories	65	19	311	2,250	1.861	681.818
Water front	61	33	175	1,295	1.701	622.596
Vacant lots	46	4	134	841	1.66	609.14
Bakeries	12	3	42	337	2.04	748.88
Warehouses	116	23	605	4,994	2.172	795.222
Steamers	93	22	334	2,508	1.924	704.494
Butchertown	31	20	190	858	1.116	408.571
Total	1,906	615	7,875	68,122	2.198	804.734

No. of rats taken from steamers after fumigation: 185.

2. Measures Taken for the Destruction of Rat Food.

No. of premises inspected	47,100
No. of nuisances abated	9,813
No. of complaints inspected	2,531
No. of garbage cans installed	2,556
No. of chicken yards abandoned	275
No. of chicken yards concreted	69
Area in square feet	4,275
No. of chickens disposed of	3,213
No. of premises screened	271
No. of toilets screened	37
No. of health signs posted	457
No. of notices served	8,923
No. of plumbing complaints referred to Board of Health	158

3. Measures Taken for the Destruction of Rat Refuge.

No. of yards torn up	310
No. of basements torn up	450
No. of passageways torn up	196
No. of sidewalks torn up	150
No. of houses destroyed	1,308
No. of stables destroyed	406
No. of manure bins installed	227
No. of feed bins installed	189
No. of buildings in which wood was piled off the ground	142

Work Done Through Condemnations by Board of Health.

No. of buildings sent in	858
No. of buildings condemned	819
No. of buildings heard	349
No. of buildings reheard	461
No. of buildings sent in but not heard	15
No. of buildings unabated	780

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CONDEMNATION OF INSANITARY PREMISES.

The Board held 25 special meetings for the condemnation of insanitary premises. As a result 368 premises, chiefly refugee shacks, were demolished, 63 buildings placed in sanitary condition and 6 premises vacated. The following table will show the magnitude of the work performed:

Month	New Cases	Rehearings	Repairs	Demolition	By Vacation	Total Abatements	Unabated
1911—							
July	12	6	21	12	0	33	126
August	17	10	2	19	1	22	144
September	9	3	2	4	0	6	111
October	29	21	1	15	0	16	116
November	42	41	1	16	1	18	139
December	28	15	0	11	1	12	142
1912—							
January	25	29	1	17	1	19	152
February	20	17	5	51	0	56	153
March	23	19	4	56	0	60	155
April	24	28	14	44	2	60	155
May	25	23	4	76	0	81	155
June	24	20	8	47	0	55	157
Total	297	232	63	368	6	438	1,675

MUNICIPAL CLINIC FOR THE TREATMENT OF VENEREAL DISEASES.

Following several conferences with the Advisory Committee of the Municipal Clinic and a special committee appointed by the Grand Jury it was determined that there was no legal authority for the control by this Department of said clinic. Since this action the management of the clinic has been entirely in the hands of the former Advisory Committee.

BUREAU OF PUBLIC CHARITIES.

The Bureau of Public Charities includes the Emergency Hospitals, City and County Hospital, Tuberculosis Hospital, Isolation Hospital and Relief Home for Aged and Infirm. The appropriation in the annual budget for this Bureau was as follows:

Institution.	Salaries.	Expense.	Total.
Emergency Hospitals	$ 7,160	$ 15,000	$ 22,160
City and County Hospital	76,500	109,500	186,000
Tuberculosis Hospital (paid out of C. and C. Hospital funds)			
Isolation Hospital	11,100	8,000	19,100
Relief Home for Aged and Infirm	69,000	128,800	197,800
Total	$163,760	$261,300	$425,060

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Admission to any of the public charities, except the Emergency Hospitals, is made through the Central Emergency Hospital, where the applicants are examined by the City Physician. The social investigation, made by the Inspector of Indigents, ascertains if the patient is a proper charge upon the City. It frequently happens that persons suffering from communicable diseases, such as Pulmonary Tuberculosis, Smallpox, Diphtheria, etc., present themselves at the Central Emergency Hospital, where they are detained, a menace to other patients, until transferred. A small detention cottage containing sufficient space for at least two rooms should be constructed in the courtyard for the accommodation of such cases.

CITY AND COUNTY HOSPITAL.

During the month of August, 1911, the new Infirmary Building on the Relief Home Tract was completed and formally opened as the City and County Hospital. The buildings at the Ingleside Race Tract, which had been used for Hospital purposes since 1908, were destroyed. As soon as the Infirmary was opened the custom of sending acute cases to the private hospitals was discontinued. No accommodations being furnished for contagious cases at the new location, it became necessary to make other provision for their care. One wing of the Smallpox Hospital, Army and DeHaro Streets, was re-arranged to accommodate 45 cases other than Tuberculous. This arrangement has proved very unsatisfactory, patients naturally objecting to being confined in close proximity to others suffering with Smallpox and Leprosy. Further, in case of an outbreak of Smallpox, great difficulty will be experienced in finding adequate quarters for more than twenty patients.

The Tuberculosis patients were removed to "lean-tos" accommodating 150, erected in the Mission District in the block bounded by 22d, San Bruno, 23d and Vermont Streets. Although of temporary construction, these buildings are so arranged as to permit of the open air treatment, so essential in this disease.

Owing to a deficit in the funds of the City and County Hospital, the position of Warden was temporarily vacated on February 1st, the Superintendent of the Relief Home for Aged and Infirm being placed temporarily in charge. The Tuberculosis Hospital was placed in temporary charge of the Health Officer. Further, the funds of the City and County Hospital were apportioned among the Infirmary, Tuberculosis Hospital and Isolation Hospital.

RELIEF HOME FOR AGED AND INFIRM.

By reason of the destruction of the buildings at Ingleside above referred to, senility cases were transferred to temporary wooden shacks on the Relief Home Tract. These buildings should be replaced by modern structures at the earliest possible date. A complete report of this institution will be found on page 778.

EMERGENCY HOSPITALS.

The Emergency Hospitals, five in number, namely: Central, Harbor, Potrero, Mission and Park, are maintained for the purpose of giving immediate medical and surgical attention to the injured. A full description of the work of these hospitals is given in the report of the Chief Surgeon on page 800.

SAN FRANCISCO HOSPITAL.

The Building Committee of the Board of Health, of which Dr. George B. Somers is Chairman, has been very active with the Bureau of Architecture, Board of Public Works, in completing many of the details connected with the construction of this magnificent group of buildings. Through correspondence with the authorities on hospital construction in the United States and Canada valuable informa-

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tion was obtained in such matters as ventilation, suitable flooring for wards and corridors, sterilizing system, signal system, etc. After this information had been fully collaborated a special meeting was held in the month of April, 1912, which was attended by representatives of the various hospitals and medical colleges in this City, the Municipal Architectural Commission, Building Committee of the Board of Supervisors and others interested. All unsettled details were discussed and resolutions regarding the same were presented to the Board of Health for adoption. During the month of May the specifications and detailed drawings of the main group of this hospital were finished. The Tuberculosis and Isolation groups cannot be built until funds are made available. It is earnestly recommended that the matter of the completion of the San Francisco Hospital as originally planned by Newton J. Tharp receive early and favorable consideration.

BUREAU OF ACCOUNTS.

This year marks the second in which the unit cost system (see page 825) has been followed in this Department. In the Bureau of Vital Statistics, Bureau of Charities, Bureau of Laboratories, both Chemical and Bacteriological, and in the Divisions of Sanitary, Dairy, Food, Market, Milk and Medical School Inspections there has been a material reduction of the unit cost over the previous fiscal year. In the Divisions of Disinfection, Industrial and Plumbing Inspection there has been an increase of cost which, however, is not a considerable one. The cost of each dollar of expenditure in the Bureau of Accounts remains practically the same.

The increase in the number of requisitions issued and demands audited has been considerable. In the fiscal year 1910-11 there was a total of 10,197, compared with this year's total, 11,981. The number of requisitions issued during the fiscal year 1911-12—5,428, salary demands audited 2,640, and expense demands 3,913.

The adoption of a new system of payroll will curtail labor and if the system proves a success, will no doubt be the means of extending the same for the payment of demands.

REVENUES.

The Department of Public Health is not and should not be primarily a revenue producing branch of the municipal government. However, a considerable amount of money finds its way into the general fund as shown by the following statement:

Fines for violating health ordinances following arrest by this Department	$3,275.00
Transcripts of records	875.50
Collected from relatives of inmates Relief Home	1,891.90
Collected from relatives of inmates City and County Hospital	1,230.49
Collected from relatives of inmates Tuberculosis Hospital	77.40
Collected from relatives of inmates Isolation Hospital	180.00
Sales of barrels, etc., receipts from Oakland Butchertown, etc	240.95
Total	$7,771.24

This amount of money, derived as an incident of the work of the Health Department, should, it is believed, be considered in connection with any attempt made to determine the cost and value of this Department.

PERSONNEL.

The appointment of the majority of the employes of this Department is under the rules of Civil Service. This method in general has proved satisfactory, for while it is true that employes are sometimes certified who are not satisfactory, still the six months' probationary period furnishes a means for removal. Provision

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should be made for retiring employes who have either grown old in this Department or through injury or illness become incapable of properly performing their duties. Such a course is absolutely necessary if the highest type of work is to be accomplished under Civil Service procedure. Moreover there seems to be no reason why the employes of this Department should not be put upon the same favorable basis, with respect to retirement for old age and disability, as already obtains in the Police and Fire Departments. Certain employes in the Emergency Hospitals, including the nurses, matrons, stewards and drivers, work daily throughout the year, paying for a substitute whenever they take any recreation. These employes deserve one day of rest in seven and an annual vacation of two weeks. It is hoped that you may see your way clear in the near future to recommend legislation to improve the status of employes in the service of the Health Departmnt.

REPORTS OF BUREAUS AND DIVISIONS.

Tabulated reports giving in detail the work performed will be found under their respective headings.:

Communicable Diseases ..... Page —
Division of Sanitary Inspection ..... Page —
Division of Disinfection ..... Page —
Board Actions on Insanitary Premises ..... Page —
Division of Market Inspection ..... Page —
Division of Food Inspection ..... Page —
Division of Truck Garden Inspection ..... Page —
Division of Dairy Inspection ..... Page —
Division of Milk Inspection ..... Page —
Division of Industrial Inspection ..... Page —
Division of Plumbing Inspection ..... Page —
Examination for Master Plumbers ..... Page —
Permits Issued ..... Page —
Arrests ..... Page —
Medical School Inspection ..... Page —
Bureau of Vital Statistics ..... Page —
Bureau of Laboratories ..... Page —
Bacterial Count of Milk Supply ..... Page —
Report of Milk Improvement Association ..... Page —
Financial Statement Dept. Public Health ..... Page —
Financial Statement Special Sanitation ..... Page —
Unit Cost of Central Office ..... Page —

REPORTS OF INSTITUTIONS.

Complete reports of the various institutions under the control of this Department will be found as follows:

City and County Hospital ..... Page —
Tuberculosis Hospital ..... Page —
Relief Home for Aged and Infirm ..... Page —
Emergency Hospitals ..... Page —
Isolation Hospital ..... Page —

Respectfully

ARTHUR A. BARENDT,
President Board of Health.

R. G. BRODRICK,
Health Officer.

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DIVISION OF SCHOOL MEDICAL INSPECTION

E. L. WEMPLE, M. D., Chief Medical Inspector.

First Assistant.
GEO. S. WRINKLE, M. D.,

Second Assistant.
GRACE SIMON, M. D.,

Inspectresses (Graduate Nurses).

Ida Ciegler	Edith Flinn	Elizabeth McKenzie	Anna Shepler
May Clary	Josephine Graham	Geneva Orcutt	Martha Smith
Mrs. Madge B. Dake	Amy Hart	Evangeline Phelan	Katherine Wynne
May C. Dorgan	Olive McGinnes		

School	Enrollment	School	Enrollment
1. Adams	487	39. Jean Parker	705
2. Agassiz	685	40. Jefferson	165
3. Bay View	490	41. John Swett	630
4. Bernal	.....	42. Junipero Serra	703
5. Bryant	604	43. Kate Kennedy	476
6. Buena Vista	380	44. Lafayette	201
7. Burnett	450	45. Laguna Honda	740
8. Cleveland	425	46. Lincoln	345
9. Columbia	900	47. Longfellow	245
10. Columbus	64	48. Madison	443
11. Cooper	540	49. Marshall	717
12. Daniel Webster	425	50. Marshall Annex	183
13. Denman	378	51. McKinley	492
14. Douglas	456	52. Monroe	937
15. Dudley Stone	504	53. Moulder	250
16. Edison	471	54. Noe Valley	725
17. Emerson	487	55. Oriental	.....
18. Everett	730	56. Pacific Heights	711
19. Fairmount	987	57. Parkside	29
20. Farargut	218	58. Peabody	274
21. Francis Scott Key	166	59. Portola	714
22. Franklin	555	60. Redding	318
23. Frank McCoppin	696	61. Rincon	90
24. Fremont	652	62. Rochambeau	503
25. Garfield	960	63. Roosevelt	530
26. Glen Park	579	64. Sherman	486
27. Golden Gate	384	65. Sheridan	568
28. Grant	425	66. Spring Valley	523
29. Grattan	287	67. Starr Kig	315
30. Haight	635	68. Sunyside	149
31. Hamilton	597	69. Sutro	570
32. Hancock	496	70. Visitacion Valley	260
33. Harrison	.....	71. Washington Grammar	493
34. Hawthorne	448	72. Washington Irving	320
35. Hearst	650	73. Winfield Scott	276
36. Henry Durant	457	74. Yerba Buena	517
37. Irving M. Scott	590		
38. James Lick	571		34,431

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Number of schools in San Francisco	85
Schools under inspection	74
Pupils examined during month by Nurse	161,629
Visits to homes by Nurse	10,578
Pupils examined by Inspector	5,576

Exclusions from schools under inspection:

Chickenpox	427
Contagious skin diseases	125
Chorea	9
Diphtheria	86
Measles	2,324
Mumps	246
Scarlatina	69
Smallpox	6
Tonsilitis (acute)	124
Whooping Cough	260
Contacts	4,392

Vaccinations:

Remaining from last month	3,470
Found to be unsuccessfully vaccinated	118
Total	3,588
Vaccinated during the month	12
Remaining to be vaccinated	3,576
Examinations	618

Disposition of special cases:

Treated by family physician	242
Treated by family physician (operation)	449
Referred to clinics	184
Referred to societies	31

No. of Visits to Schools	Pediculosis		Impetigo		Ringworm		Eczema	Eye Diseases	Infected Wounds	Scabies	Never Vaccinated	Chorea	Dressings in Schools	Treatments in Schools	Exclusions
	New	Old	New	Old	New	Old									
5256.....	3365	11511	1261	1213	202	205	134	1178	237	148		9	4378	4590	931
568.....	162	1034	92	63	10	8	8	230	41	3	3534		374	302	82
5826	3527	12545	1353	1276	212	213	142	1408	278	151	3534	9	4752	4892	1013

DENTAL INSPECTION

J. O. EATON, D. D. S., Dental Inspector.

During eight months of fiscal year dental inspection was carried on in the schools. Following are the figures as compiled by the Dental Inspector:

First examination	1,835
Found with good teeth	931
Found with bad teeth	1,033
Onal acclusion	152

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The following is a complete statement of the various diseases found to exist among the school children:

CONDITION—

Anemia	242
Enlarged glands:	
Anterior cervical	11
Posterior cervical	820
Poorly nourished	40
Scrofula	1

EAR—

Cerumen	100
Defective hearing	94
Discharging ears	101
Mutes	1

EYE—

Astigmatism	28
Ch. inflammation of lids	299
Ch. inflammation of conjunctiva	114
Corneal scars	24
Myopia	60
Strabismus	151
Trachoma	4
Twitchings	20
Defective vision	274
Ptosis	4
Pink eye	12
Ulcer	3
One eye blind	2

HEART—

Systolic murmur	7
Mitral murmur	12
Other valvular diseases	10
Endocarditis	1

LUNGS—

Bronchitis	54
Tuberculosis (bone)	2
Diffuse Rales	6

MOUTH, NOSE AND THROAT—

Adenoids	749
Defective teeth	1,741
Defective palate	28
Hypertrophied tonsils	2,291
Mouth breathing	1,139
Nasal obstruction	36
Ozeana	10

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NERVOUS SYSTEM—

Convulsions	4
Chorea	6
Defective mentality	64
Epilepsy	5
Paralysis	10
Paralysis, facial	6

OSSEOUS STRUCTURE—

Deformity of head	2
Deformity of spine	22
Pigeon breast	8
Deformity of extremities	38
Hip disease	23
Congenital syphilis	1

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ANNUAL REPORT COMMUNICABLE DISEASES.

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Amebiasis	3						2			1			
Cerebro Spinal Meningitis	15	1			1	1	4		3	1	2	1	1
Diphtheria	243	14	16	13	16	24	27	29	22	26	20	15	21
Eczema	2	1						1					
Erysipelas	162	4	3	4	6	6	25	38	24	15	14	13	10
Glanders (Animal)	58	5	2	13	5	8	10	5	2	3	1	3	1
Impetigo	2							1					1
Influenza	15			2		3	2	5		1	2		
Leprosy	2				1						1		
Malaria	24	2	3	1		1	7		3		4	3	
Measles	4582	46	58	150	208	245	476	1028	1160	836	250	91	34
Ophthalmia Neonatorium	1					1							
Parotitis	297	9	17	22	16	22	22	38	41	36	35	18	21
Pellagra	1		1										
Pemphigus	1										1		
Pertussis	415	27	16	33	36	47	20	41	46	54	24	34	37
Pneumonia	532	27	22	30	34	34	82	90	65	40	57	32	19
Poliomyelitis, Acute Anterior	7	1		1		2	1			1	1		
Rabies (Animal)	212				1				21	42	71	44	33
Rabies (Human)	3									2			1
Ringworm	2	1								1			
Rotheln	31	1	1			1	2	12	4	6	1	3	
Scabies	2	1									1		
Scarlatina	281	28	13	14	16	22	46	46	25	20	29	16	6
Smallpox	46	1	2	3		1				1	5	4	29
Tetanus	4	1	1					1		1			
Trachoma	58								1	2	1	53	1
Tuberculosis	1257	61	77	75	125	111	108	131	100	150	99	98	122
Typhoid Fever, Local	182	8	7	28	54	23	13	11	10	9	5	6	8
Typhoid Fever, Not Local	98	5	7	20	20	14	5	4	6	3	1	8	5
Uncinariasis	72	2	1				9	1	3	18	20		18
Varicella	651	14	28	54	60	77	74	74	65	62	34	59	50
Bilharzia Haematobium	1												1
Rocky Mountain Spotted Fever	1												1

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ANNUAL REPORT, DIVISION OF SANITARY INSPECTION.

NUISANCES	Totals	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Complaints unabated at last report	192	9	6	8	8	11	18	22	19	28	29	16	18
Complaints filed during month	314	24	17	22	36	41	33	22	30	14	18	30	27
Total	506	33	23	30	44	52	51	44	49	42	47	46	45
Complaints abated	222	15	11	14	18	21	25	20	16	11	28	20	23
No cause	38	4	3	3	5	3	2	1	4	1	2	6	4
Referred to other departments	46	8	2	5	7	10	2	4	1	1	1	2	3
Unabated	200	6	7	8	14	18	22	19	28	29	16	18	15
Total	506	33	23	30	44	52	51	44	49	42	47	46	45
Number of first inspections	850	25	16	22	36	39	240	34	217	15	105	27	74
Number of re-inspections	4001	380	489	271	328	326	294	343	216	266	413	344	331
Special inspections	4831	253	377	346	317	353	487	332	156	655	499	640	416
Total number of inspections	9682	658	882	639	681	718	1021	709	589	936	1017	1011	821

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COMMUNICABLE DISEASES, QUARANTINED AND INVESTIGATED.

	Totals	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Quarantined—													
Diphtheria	243	14	16	13	16	24	27	29	22	26	20	15	21
Scarlet Fever	281	28	13	14	16	22	46	46	25	20	29	16	6
Poliomyelitis, Acute Anterior	7	1		1		2	1			1	1		
Smallpox	46	1	2	3		1				1	5	4	29
Investigated—													
Amebiasis	3						2			1			
Cerebro Spin. Meningitis	15	1			1	1	4		3	1	2	1	1
Eczema	2	1						1					
Erysipelas	162	4	3	4	6	6	25	38	24	15	14	13	10
Glanders (Animal)	58	5	2	13	5	8	10	5	2	3	1	3	1
Impetigo	2							1					1
Influenza	15			2		3	2	5		1	2		
Leprosy	2				1						1		
Measles	4582	46	58	150	208	245	476	1028	1160	836	250	91	34
Ophthalmia Neon.	1					1							
Parotitis	297	9	17	22	16	22	22	38	41	36	35	18	21
Pellagra	1		1										
Pemphigus	1										1		
Pertussis	415	27	16	33	36	47	20	41	46	54	24	34	37
Rabies (Animal)	212				1				21	42	71	44	33
Rabies (Human)	3									2			1
Ringworm	2	1								1			
Rotheln	31	1	1			1	2	12	4	6	1	3	
Scabies	2					1					1		
Tetanus	4	1	1					1		1			
Trachoma	58								1	2	1	53	1
Typhoid Fever	280	13	14	48	74	37	18	15	16	12	6	14	13
Varicella	651	14	28	54	60	77	74	74	65	62	34	59	50
Bilkarzia Haematobium	1												1
Rocky Mount. Spotted Fever	1												1

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ANNUAL REPORT, DIVISION OF SANITARY DISINFECTION.

	Totals	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Fumigations—													
Diphtheria	234	11	19	11	10	21	34	20	22	18	25	20	23
Scarlet Fever	330	61	15	8	21	17	32	47	37	21	27	29	15
Smallpox	51	1	2	5			2	1		1	9	4	26
Tuberculosis	859	52	47	63	81	73	81	86	72	78	66	69	91
Cerebro Spin. Meningitis	14	1				1	2		4	1	4	1	
Typhoid Fever	6				3	2		1					
Glanders	33	4		9	2	5	8	3		1			1
Other Cases	46	6	5	1	2	1	5	7	6	8	2	1	2
Total	1573	136	88	97	119	120	164	165	141	128	133	124	158
Rooms Fumigated	2753	264	163	187	191	205	245	282	229	221	218	226	322
Cubic Feet Disinfected	4,944,880	373,000	240,950	270,260	550,820	278,220	362,360	422,650	382,120	402,050	811,400	383,050	463000
Material Used—													
Formalin (oz.)	61,299	5,014	3,915	4,484	3,912	4,434	5,904	6,466	5,480	6,336	5,760	4,350	5,244
Sulphur (lbs.)	3,085	270	97	176	270	257	205	249	331	213	216	286	515
Crude Carbolic Acid (oz.)	9,305			192	25				6,272		384	2048	384
Petrie Dishes Placed	84	12	4	4	6	8	12	10	12	2			14

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Month	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
July (1911)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
August	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
September	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
October	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
November	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
December	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
January (1912)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
February	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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March	Dwelling	19	82	17	99	2	6		8		91
	Stable	1	19	1	20	1	2		3		17
	Miscellaneous	3	52	1	53	1	5		6		47
April	Dwelling	18	91	19	110	9	6	2	17		93
	Stable	2	17	4	21	1	1		2		19
	Miscellaneous	4	47	5	52	4	5		9		43
May	Dwelling	18	93	18	111	2	16		18		93
	Stable	1	19	3	22	1	1		2		20
	Miscellaneous	6	43	2	45	1	2		3		42
June	Dwelling	8	93	10	103	3	6		9		94
	Stable	5	20	3	23	3	2		5		18
	Miscellaneous	11	42	7	49	2	2		4		45
Total	Dwelling	180	78	163	241	36	108	3	147		94
	Stable	40	23	27	50	14	16	2	32		18
	Miscellaneous	58	52	42	94	13	35	1	49		45
Grand Total		278	153	232	385	63	159	6	228		157

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ANNUAL REPORT—DIVISION MARKET INSPECTION

INSPECTIONS

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Abattoirs	5925	504	502	510	531	496	491	457	385	509	501	495	544
Markets	22929	1256	1389	1935	1972	2314	1852	2273	2241	2175	2040	2120	1362
Wharves	7623	472	617	715	724	760	728	728	609	354	595	793	528
Railroad Depots	1749	65	90	250	118	139	145	170	176	222	125	175	74
Commission Houses	5099	188	297	258	428	630	545	600	450	323	495	613	272
Chinatown	10692	415	663	663	1063	1210	1088	1225	1173	873	824	1153	342
Total	54245	2900	3558	4331	4836	5549	4849	5453	5262	4456	4580	5949	3122
Fish (lbs.)	6793630	670000	725000	787840	475850	1297850	705000	150000	800000	807800	28000	83790	262500
Beeves	66728	5197	5401	5253	5250	5260	5107	4889	4462	8835	5183	5242	6649
Calves	92832	3381	4475	4823	6745	6275	22166	6902	8846	12078	5879	6220	5042
Hogs	131069	8693	12156	8027	10209	11349	11992	11608	12523	11163	11479	11402	10468
Sheep	116048	9234	11748	12109	9666	9063	8077	8681	7640	9284	10933	9796	9817
Lambs	264415	23015	26413	25010	26340	22358	21306	20529	17048	18224	22958	21636	34878
Poultry	4432391	78085	224510	233040	256851	1311550	1003080	317905	294190	193905	148200	234825	136250

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CONDEMNATIONS AND SEIZURES

	Total	1910						1911					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Fish (lbs.)	113808	20415	10660	10950	11200	8317	3400	8542	10655	6895	2375	17320	3079
Beef (lbs.)	47174	5480	5420	3650	1750	2675	3036	1570	1700	1053	4830	4800	11210
Calves	2510½	150	103	136	121	241	184	318	482	360½	89	172	154
Sheep	800	177	60	50	91	64	78	61	41	72	37	40	29
Lambs	105	3	10	10	18	13	9	9	5	2	14	5	1
Hogs	828½	73	61	41	56	62½	99	44	31	56	93	70	142
Beef Heads	193	6	7	4	12	15	31	6	6	6	41	11	45
Calves Heads													
Hog Heads	914	108	45	22	75	49	33	66	97	79	76	49	215
Livers	11341	660	716	1065	848	1018	736	812	1001	936	775	1130	1644
Beef Tongues	66	5	1	2				1	1	6	2	6	42
Chickens	14876	839	1002	1710	1227	2049	1741	2253	1025	1164	615	1050	1101
Turkeys	56	5	4				21	2	9		11	4	
Hare	824	46	59	71	95	100	94	16	74	80	17	65	107
Ducks	347				97	69	32	54	55		3	22	15
Geese	468		6	14	69	64	57	84	135	31	8		
Hams													
Hearts	8												8
Pork (lbs.)	3										3		

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ANNUAL REPORT DIVISION OF MARKET INSPECTION.

CATTLE SLAUGHTERED FOR HUMAN CONSUMPTION.

Month	Source of Supply	Totals	Beeves	Calves	Sheep	Lambs	Hogs
July	Butchertown	71946	13746	2808	14434	29015	11943
	Outside	14057	2855	1963	3999	4772	468
	Total	86003	16601	4771	18433	33787	12411
August	Butchertown	85693	8601	4275	20048	35413	17356
	Outside	18635	3416	2830	6220	5422	737
	Total	104328	12017	7105	26278	40835	18093
September	Butchertown	72827	8815	3250	16809	31126	12827
	Outside	16016	2958	3632	4026	4885	515
	Total	88843	11773	6882	20835	36011	13342
October	Butchertown	74121	8900	3207	13666	32339	16009
	Outside	17697	2831	5726	3883	4597	660
	Total	91818	11731	8933	17549	36936	16669
November	Butchertown	71605	8909	2927	13083	29357	17349
	Outside	21314½	3332½	6101	5605	5362	914
	Total	92919½	12241½	9028	18668	34719	18263
December	Butchertown	65155	8757	3794	12107	21706	18791
	Outside	32274½	2964½	20590	3595	4415	710
	Total	97429½	11721½	24384	15702	26121	19501
January	Butchertown	47268	4889	1461	8681	20529	11708
	Outside	37455	6648	4938	9011	9832	7026
	Total	66723	11537	6399	17692	30361	18734
February	Butchertown	61634	8312	3711	12240	20948	16423
	Outside	18857	2964	7173	3595	4415	710
	Total	80491	11276	10884	15835	25363	17133
March	Butchertown	42009	8445	830	9045	15274	8415
	Outside	40371	6472	13362	8904	5800	5833
	Total	82380	14917	14192	17949	21074	14248
April	Butchertown	72135	8398	3515	15968	26985	17269
	Outside	16029	3135	4488	2777	5038	591
	Total	88164	11533	8003	18745	32023	17860
May	Butchertown	50328	5242	2287	9772	21632	11395
	Outside	14579	2453	2674	3270	5694	488
	Total	64907	7695	4961	13042	27326	11883
June	Butchertown	64734	6649	2922	9817	34878	10468
	Outside	15114	2623	2750	3893	5464	384
	Total	79848	9272	5672	13710	40342	10852
Totals	Butchertown	779455	99663	34987	155650	319202	169953
	Outside	262399	42652	76227	58788	65696	19036
	Total	1041854	142315	111214	214438	384898	188989

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ANNUAL REPORT, DIVISION OF FOOD INSPECTION.

INSPECTIONS MADE.

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	Mar.	April	May	June
Bakeries	269	3	7	25	27		43	27	19	27	43	20	28
Butchershops	388	53	5	3	123	6		11			54	129	4
Candy Factories and Stores	131	2	11	12	33	6	2	4		51	8	2	
Commission Houses	5255	438	186	543	419	573	620	536	466	174	228	417	655
Delicatessen Stores	225		26	10	23	10	26	28	22	37	25	2	16
Fruit Stores	1576	71	207	259	219	216	108	130	74	79	86	50	77
Markets	272	10	12	12	56	35	6	22	81	16	3	3	16
Grocery Stores	1761	14	181	170	130	119	107	194	163	224	306	28	125
Hotels and Restaurants	2275	38	145	407	317	321	187	154	102	327	79	91	107
Milk Depots	13				2		4	4	1	2			
Peddler Wagons	17	4	5							5	3		
Wharves	269	62	38	44	2	46			9	24	21	16	7
Miscellaneous	617	17	19	6	22	78	101	137	142	67	1	15	12
Total	13068	712	842	1491	1373	1410	1204	1247	1079	1033	857	773	1047

CONDEMNATIONS AND SEIZURES.

Fruit—18 crates; 835 boxes. Vegetables—1051 sacks; 735 boxes; 90 pounds. Canned Goods—435 fruit; 1,086 vegetables; 15,206 fish; 428 miscellaneous. Bottled Goods—316 miscellaneous. Poultry and Game—1 Turkey. Butter, 31 lbs.

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ANNUAL REPORT, DIVISION OF TRUCK GARDEN INSPECTION.

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Market Inspections	76	13	6	9	8	9	10	15	2	4			
Wagons Inspected	378	15	6		10	15	25	268	16	22		1	
Garden Inspections—													
First Inspections	41								9	18		14	
Reinspections	579	92	55	84	93	70	85	40		18	4	25	13
Special Inspections	122	15	2	13	12	37	19	15		7	2		
Total	742	107	57	97	105	107	104	55	9	43	6	39	13
Results—													
Insanitary Gardens at Last Report	14	1	1	3	1	2		1		1	1	1	3
Insanitary Gardens Inspected during Month	52	4	7	4	7	2	11	7	1	2		5	2
Total	67	5	8	7	8	4	11	8	1	3	1	6	5
Gardens rendered sanitary	51	4	5	6	6	4	10	8		2		3	3
Gardens remaining insanitary	16	1	3	1	2		1		1	1	1	3	2
Hog Nuisances Abated by Removal	3	2				1							
Water Samples Submitted to Chemist													
Vegetable Samples to Bacteriologist	4		4										

No. of Truck Gardens in S. F. County, 58.

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ANNUAL REPORT DIVISION DAIRY INSPECTION.

	Totals	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspections.													
Dairies Inspected in San Francisco County	432	42	82	48	30	42	26	28	66	31	36	1	
Dairies Inspected in other counties	618	7	46	52	73	35	114	54	15	28	10	94	90
Dairy Depots	969	81	117	174	67	72	32	73	53	115	74	80	31
Total	2019	130	215	274	170	149	172	155	134	174	120	175	121
Cows	91617	4265	11499	9625	11262	7607	5714	7833	6971	5388	3830	9235	8388
Cows Placed Under Quarantine	259	6	8	11	101	17	16	38	8	21	4	18	11
Cows Condemned and Killed	153	4	6	2	13	4	3	5	35	39	4	30	7
Horses Condemned													
Milk Cans Condemned	653	111	83	66	38	43	45	48	66	52	33	51	17
Samples of Water Taken for Analysis	86	11	6	6	6	13	11	9	12		9		3

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ANNUAL REPORT, DIVISION OF MILK INSPECTION.

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Samples Taken From													
Milk Wagons	1016	66	32	57	82	45	28	133	91	77	247	82	76
Depots and Dairies	384	24			2 71		30			53		6	
R. R. Depots and Wharves	3399	226	103	225	92	255	118	182	141	219	554	579	705
Groceries	73		15	1	1	1		55					
Delicatessen Stores													
Hotels and Restaurants	332		3		2	80	203	31		1		11	1
Bakeries													
Miscellaneous	14	7	4				2			1			
Total	5218	323	157	283	448	381	381	401	232	351	801	678	782

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ANNUAL REPORT—DIVISION INDUSTRIAL INSPECTION.

CLASS OF PREMISES.	Total inspections	Inspections made on sanitary premises	Premises found insanitary	Insanitary Premises Reinspected	Referred to other Departments	First notices	Last notices	Abated
Bakeries	1118	962	156	131	14	90	33	75
Bath Houses	50	42	8	14		3	6	8
Candy Factories	475	398	77	61	5	35	15	26
Cigar Factories	217	193	14	17		13	2	10
Dry Goods, Gen'l Mdse	409	354	55	34		42	14	7
Garment, Shoe Factories	543	507	36	84		33	17	21
Laundries	945	824	121	115	9	56	26	51
Meat Markets	86	67	19	15	2	10	4	7
Nickelodeons	408	333	75	80	1	23	28	29
Printing, Bookbinding Shops	235	215	20	14	5	15	20	3
Restaurants	1427	1279	148	120	18	72	20	68
Theatres	10	4	6	6		6	3	2
Miscellaneous	1119	940	179	140	21	65	51	62
Total	7042	6118	914	831	75	463	239	369

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ANNUAL REPORT DIVISION PLUMBING INSPECTION.

	Totals	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June
Inspection.													
Construction.													
In Construction	9609	745	957	719	704	896	879	819	647	845	900	817	672
On Completion	4668	344	400	389	327	470	501	483	362	377	370	325	320
On Work Granted by Permit	1984	124	162	126	132	202	163	203	164	192	152	204	160
Total	16261	1213	1519	1234	1163	1568	1543	1505	1173	1414	1431	1346	1152
Sewers.													
Inspected	9342	705	884	703	670	841	840	786	737	948	880	783	565
Cast Iron (feet)	808142	61070	73810	142030	59010	68052	69510	66090	53290	62990	63130	57400	37760
Iron Stone (feet)	209258	15630	16560	16450	15705	18453	17130	25990	20530	15390	16250	16900	14210
Curb Traps	5744	454	475	468	426	578	591	508	449	502	535	438	320
Nuisances.													
First Inspection	740	52	61	50	68	49	53	62	71	67	62	65	80
Reinspection	925	43	117	79	68	63	72	98	60	65	93	91	76
Total	1665	95	178	129	136	112	125	160	131	132	155	156	156
Unabated at Last Report	378	24	18	39	26	34	21	18	20	34	45	44	46
Received During Month	853	56	69	70	90	55	61	67	77	80	66	76	86
Total	1231	80	87	109	116	89	82	85	106	114	111	120	132
Abated	653	50	31	59	56	55	55	46	58	54	59	61	69
Referred to other Departments	82	6	8	17	6	5	1	3	8	8	6	6	8
No Cause	90	6	9	7	20	8	8	7	6	7	2	7	8
Remaining Unabated	406	18	39	26	34	21	18	20	34	45	44	46	52
Notices.													
First Notices	910	62	93	63	82	50	72	113	72	76	64	69	85
Last Notices	355	20	21	20	30	18	24	40	28	46	35	40	33
Total	1265	82	114	83	112	77	96	153	100	122	99	109	118

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NEW FIXTURES INSTALLED IN OLD BUILDINGS.

	Totals	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Water Closets	1019	53	56	92	68	77	94	57	100	119	107	102	94
Basins	1013	34	116	73	89	83	73	60	80	181	45	106	73
Bath Tubs	557	27	45	59	44	38	54	39	57	74	39	46	35
Sinks	620	31	34	83	30	42	67	39	64	63	43	75	49
Wash Trays	329	18	24	29	18	25	39	20	33	40	18	42	23
Urinals	102	6	5	7	5	10	5	5	17	16	2	10	14
Slop Hoppers	173	12	16	10	11	15	21	14	14	17	9	20	11
Grease Traps	42	3	3	4	2		3	7	5	4	8	1	2
Cesspools	57	4	2	3	5	7	5	3	9	4	7	2	6
Sewers	103	7	9	5	4	7	6	10	14	11	6	8	16

Number of plans submitted, 1,577 Number of buildings represented, 1,735

Permits granted for repair work, 1,768

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ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.	PLAN. Applications Filed	Number Examined	Results: Passed	Results: Failed	Date of Examination.	QUESTION Number Examined	Results: Passed	Results: Failed
July 7, 1911	6	6	1	5	July 21, 1911	1	1	0
Aug. 4, 1911	4	4	3	1	Aug. 18, 1911	3	3	0
Sept. 1, 1911	8	7	4	3	Sept. 15, 1911	4	3	1
Oct. 6, 1911	6	5	1	4	Oct. 20, 1911	1	1	0
Nov. 3, 1911	4	4	2	2	Nov. 17, 1911	2	1	1
Dec. 1, 1911	3	3	2	1	Dec. 15, 1911	2	1	1
Jan. 5, 1912	7	7	1	6	Jan. 19, 1912	1	1	0
Feb. 2, 1912	13	11	3	8	Feb. 16, 1912	2	2	0
Mar. 1, 1912	7	7	3	4	Mar. 15, 1912	3	1	2
April 5, 1912	4	3	1	2	April 19, 1912	2	2	0
May 3, 1912	3	3	0	3	May 15, 1912	5	3	2
June 7, 1912	5	5	4	1	June 21, 1912	4	2	2
Total	70	65	25	40	Total	30	21	9

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ANNUAL REPORT—PERMITS ISSUED.

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Bath House													
Laundry	20	1		1	1	3	3	2	2	2	1	3	1
Cigar Factory	4					1		1	1			1	
Milk	93	24	9	2	1	7	10	16	8	9	5		2
Master Plumbers' Licenses	384	215	78	28	35	7	3	3	5	7			3
Manure Wagons	2							2					
Scavenger Wagons	188							155	29	3			1
Approvals of locations for stables	86	5	10	13	10	10	7	8	4		6	11	2
Disapproval of locations for stables	59	4	6	3	5	5	5	12	3		8	6	2
School Attendance	3331	125	63	109	174	185	179	514	786	730	200	155	111
Homes for Children													
Maternity Hospitals	2						1						
Vegetable and Manure Wagons	178	3	1					165	6	2		1	
Swill Wagons	57				1			43	11	1	1		
Total	4404	377	167	156	227	218	208	921	855	754	221	177	123

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ANNUAL REPORT, EXAMINATION FOR MASTER PLUMBER.

Date of Examination.	PLAN. Applications Filed	PLAN. Number Examined	PLAN. Results Passed	PLAN. Results Failed	Date of Examination.	QUESTION Number Examined	QUESTION Results Passed	QUESTION Results Failed
July 7, 1911	6	6	1	5	July 21, 1911	1	1	0
Aug. 4, 1911	4	4	3	1	Aug. 18, 1911	3	3	0
Sept. 1, 1911	8	7	4	3	Sept. 15, 1911	4	3	1
Oct. 6, 1911	6	5	1	4	Oct. 20, 1911	1	1	0
Nov. 3, 1911	4	4	2	2	Nov. 17, 1911	2	1	1
Dec. 1, 1911	3	3	2	1	Dec. 15, 1911	2	1	1
Jan. 5, 1912	7	7	1	6	Jan. 19, 1912	1	1	0
Feb. 2, 1912	13	11	3	8	Feb. 16, 1912	2	2	0
Mar. 1, 1912	7	7	3	4	Mar. 15, 1912	3	1	2
April 5, 1912	4	3	1	2	April 19, 1912	2	2	0
May 3, 1912	3	3	0	3	May 15, 1912	5	3	2
June 7, 1912	5	5	4	1	June 21, 1912	4	2	2
Total	70	65	25	40	Total	30	21	9

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ANNUAL REPORT—PERMITS ISSUED.

	Total	1911						1912					
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	April	May	June
Bath House													
Laundry	20	1		1	1	3	3	2	2	2	1	3	1
Cigar Factory	4					1		1	1			1	
Milk	93	24	9	2	1	7	10	16	8	9	5		2
Master Plumbers' Licenses	384	215	78	28	35	7	3	3	5	7			3
Manure Wagons	2							2					
Scavenger Wagons	188							155	29	3			1
Approvals of locations for stables	86	5	10	13	10	10	7	8	4		6	11	2
Disapproval of locations for stables	59	4	6	3	5	5	5	12	3		8	6	2
School Attendance	3331	125	63	109	174	185	179	514	786	730	200	155	111
Homes for Children													
Maternity Hospitals	2						1						
Vegetable and Manure Wagons	178	3	1					165	6	2		1	
Swill Wagons	57				1			43	11	1	1		
Total	4404	377	167	156	227	218	208	921	855	754	221	177	123

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ANNUAL REPORT, ARRESTS.

MONTH	RESULTS OBTAINED ON EACH MONTH'S ARRESTS	TOTALS	CITY ORDINANCES.														STATE LAWS.	
			13 Screening of food stuffs	16 Regulating Undertaking Establishments	162 Gathering Watercress within 1000 ft of sewer	292 Regulating Use of Sewers	334 Regulating stables for more than four horses	567	615 Plumbing	655 Meat	660 1273 Milk and Dairy	731 Dairies, (2 cows to acre.)	1008 Building Law	1410 Swine	3064 Expectoration in Street Cars	1426 Pure Food	1567 Cubic Air Space Nickelodeons	373 Penal Code Maintaining a nuisance	Pure Food
1911																			
JULY	Convicted	12									11	1							
	Fines, $	275									175	100							
	Dismissed	10									10								
	Pending																		
	Total	22									21	1							
AUGUST	Convicted	14									14								
	Fines, $	650									650								
	Dismissed	24									22						1	1	
	Pending																		
	Total	38									36						1	1	
SEPTEMBER	Convicted																		
	Fines, $																		
	Dismissed	11																11	
	Pending																		
	Total	11																	
OCTOBER	Convicted	6									3					3		11	
	Fines, $	85									55					30			
	Dismissed	6							1		4					1			
	Pending																		
	Total	12							1		7					4			
NOVEMBER	Convicted	6									1					5			
	Fines, $	140									50					90			
	Dismissed	8	3								3					1		1	
	Pending																		
	Total	14	3								4					6		1	

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DECEMBER	Convicted	16									16							
	Fines, $	345									345							
	Dismissed	19							1		15		3					
	Pending																	
	Total	35							1		31		3					
1912 JANUARY	Convicted	13									13							
	Fines, $	265									265							
	Dismissed	31	1		2						28							
	Pending																	
	Total	44	1		2						41							
FEBRUARY	Convicted	7									7							
	Fines, $	240									240							
	Dismissed	13				1					12							
	Pending																	
	Total	20				1					19							
MARCH	Convicted	9			1						5			3				
	Fines, $	135			10						110			15				
	Dismissed	4			1						3							
	Pending	1					1											
	Total	14			2		1				8			3				
APRIL	Convicted	13			1						12							
	Fines, $	500									500							
	Dismissed	12							3		8							1
	Pending																	
	Total	25			1				3		20							1
MAY	Convicted	11								4	6							1
	Fines, $	220									155							25
	Dismissed	16							2	40	13							
	Pending	1		1						1								
	Total	28		1					2		19							1
JUNE	Convicted	10								5	10							
	Fines, $	420									420							
	Dismissed	11									8						1	2
	Pending	3										1	2					
	Total	24									18	1	2				1	2
GRAND TOTAL	Convicted	117			2					4	98	1		3	8			1
	Fines, $	3275			10					40	2965	100		15	120			25
	Dismissed	165	4		3	1			7	1	126		3		2	1	14	3
	Pending	5		1			1					1	2					
	Total	287	4	1	5	1	1		7	5	224	2	3	2	3	10	1	14	4

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Report of Director of Laboratories

To the Honorable, The Board of Health,
City and County of San Francisco.

Gentlemen:—

I have the honor to submit herewith the report of work accomplished in the Bureau of Laboratories, for the fiscal year ending June 30th, 1912.

From July 1st, 1911, until March 1st, 1912, the Laboratories were conducted separately, a Chief Chemist having charge of one and a Chief Bacteriologist of the other. On March first of this year the Board of Health changed the system, placing both the Chemical and Bacteriological Laboratories under one head, the Director of Laboratories.

As at present organized, the working force consists of, besides the Director, two assistant chemists, two assistant bacteriologists and two helpers. One assistant bacteriologist was appointed by reason of the enlargement of the scope of work undertaken and is at present being paid from the special sanitation fund. As the loss of this man to the Laboratory would necessitate a curtailing of work which is important, it is only a question of a short time when if the general welfare of the community is to be conserved, the position will have to be incorporated with the regular laboratory staff.

The new system is working satisfactorily, one great advantage being the possibility of aranging the work for both Divisions so that material, the examination of which is participated in by both may be submitted at times when both can handle it to best advantage.

The marked increase in the daily average of work performed since the first of March is pointed to with some pride and as evidence that unit control tends to efficiency.

The monthly average of examinations for the two periods is shown by the following:

CHEMICAL DIVISION

Average of examinations for the first eight months	417
Average of examinations for the last four months	807

BACTERIOLOGICAL DIVISION

Monthly average of examinations for the first eight months	365
Monthly average of examinations for last four months	703

In the Chemical division, the plan has been adopted with perfect satisfaction, of detailing the court work to an assistant chemist, Mr. Norwood. This arrangement leaves the chief chemist Mr. Ahlers and the Director free to attend to the more important duties in their respective spheres.

One of the most important innovations has been the bacteriological examination of milk sediments as detailed in another part of this report by Mr. Hutshing, Asst. Bacteriologist.

The method of keeping the laboratory records beginning with the new fiscal year will be an improvement in that one large record sheet will be used to keep the results of an entire year's work for each individual milk dealer; also for each source of water supply. This record will include both chemical and bacteriological

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work and is arranged in such a way as to show at a glance, the fluctuations in quality of successive samples.

The appearance of a sharp epidemic of rabies in San Francisco taxed the resources of the laboratories to their utmost for a period extending from the first of March to the first of June.

The first case of rabies known to have occurred in the City was reported in October, 1911, and the next one on the first of February, 1912. Between the middle of February and the end of June, 266 examinations for rabies have been made in this Laboratory of which 192 resulted positively. Of the 192 cases, three were human, 4 cats, 2 goats, 1 calf and 182 dogs.

TABLE OF RABIES BY MONTHS

	Dogs		Cats		Goats		Cows		Coyotes	Hum.	
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Neg.	Pos.	Tot.
February	10	6	1								17
March	33	17	1	1						1	53
April	66	23	1		1		1			1	93
May	46	12			1	1			1		61
June	27	7	1			1		1	4	1	42
	182	65	4	1	2	2	1	1	5	3	266

The Negri bodies (Plate) named after Negri who described them in 1903, are now universally regarded by all who have had experience in the examination of rabid animals, as the specific parasitic cause of the disease. The demonstration of the presence of these bodies is therefore regarded as conclusive evidence of the presence of rabies in the subject under examination.

In our series of 190 positive cases, the diagnosis by the finding of Negri bodies has been confirmed in many instances by animal inoculations and corroborated by the clinical symptoms as related by the veterinary surgeons who had charge of them. In no instance has the inoculation of material containing the Negri bodies failed to produce the disease in the animal experimented upon.

In the examination of suspected animals we have found a modification of Williams' method to be the most satisfactory as well as the only practical one to use where numerous examinations are being made.

The process is as follows: A small piece of the grey substance from the hippocampus (method of dissection later) is crushed between two cover slips which are then slid apart, dried in the air and fixed lightly by flaming quickly, or fixed in methyl alcohol. Cover with the stain, heat till steam arises, wash, dry and mount. The stain: 12 drops of saturated alcoholic solution of methylene blue and two drops of saturated alcoholic solution of basic fuchsin are added to 15 CC. of distilled water. This stain must be made up fresh every day. With this stain the Negri bodies take a decided magenta color, the cell nuclei blue and the ground substance a pink color.

The Negri bodies are of all sizes from almost ultramicroscopic particles to 8 or 10 microns in diameter and occasionally even larger and may be round or more often slightly oval or even triangular. Sometimes forms that are four or five times as long as broad are seen. Usually very small, dark staining granules can be made out within the bodies and occasionally larger granules arranged in a circle around a still larger central nucleus are observed.

In fresh preparations on the warm stage we have observed what appeared to be the beginning of a mitosis.

The characteristic picture shows the Negri bodies contained in the large ganglion cells and this situation is regarded by many as of extreme importance in diagnosis. The extracellular forms are however usually more numerous than the intracellular especially when the smear is made by crushing the material between the

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cover glasses; in the case of some specimens showing only extra cellular forms, I do not hesitate to pronounce them Negri Bodies. It is true that one with insufficient experience could readily mistake a red blood cell for a Negri body but the paler stain of the red cell, the lighter central portion and the absence of granules should be a safeguard against this error.

Method of performing animal autopsy: In working with dogs the following method has been found the most convenient. A sink in the work table with a thick plank for the front margin is a convenient place to work. The head is fixed to the front edge of the sink by a large nail driven through the nose just in front of the eyes, and the head placed so that the neck is toward or the body of the animal within the sink. This position gives the greatest freedom of movement for the saw. After dissecting back the skin from a median incision, three cuts are made through the muscle to the bone; a transverse incision behind the eyes and a lateral incision on each side extending from the outer ends of the first incision to the foramen magnum. The saw and chisel are then used to detach the triangular plate exposing the brain.

To find the hippocampus, an incision is made from a point on the surface of one of the hemispheres of the cerebrum about midway between the anterior and posterior extremities and close to the sulcus. Carry this incision backward and outward, cautiously deepening it until the ventricle is entered, when the hippocampus will be seen lying in the bottom of the cut, a glistening white, cylindrical object extending from the median line outward, backward and downward, terminating in a sharply curved end. The hippocampus can be identified by cutting it transversly when the characteristic appearance of alternating concentric rings of white and grey matter is seen.

For microscopic examination a bit of one of the grey layers is removed with the sharp pointed forceps and spread between two cover slips as previously described.

Any part of the cortex may be used, but the Negri bodies are more numerous in the hippocampus.

Should the Negri bodies not be found and they are occasionally not demonstrable in cases of rabies, especially if the animal is killed too early in the disease, it may be necessary to inoculate animals to confirm the diagnosis.

In the presence of suspicious symptoms on the part of the biting animal, or if rabies is known to be present in the locality and nothing is known of the symptoms displayed, treatment should not be delayed for the result of animal inoculations but should be begun at once.

Inoculation of animals: Rabbits and guinea pigs are the most suitable, for their incubation period is apt to be short and they usually have the paralytic form so are less dangerous to handle. A small piece of the brain tissue of the suspected animal is triturated with sterile sand and water and the emulsion injected.

If the material is asceptic, the injection is best made intracranially as follows:

The animal is anaesthetized, a small area on the head is closely clipped and the incision made antero-posteriorly, to one side of the median line and beginning at a point just back of the eyes and carried backward about a quarter of an inch. The margin of the incision is then hooked with a tenaculum and drawn over to the opposite side and a small hole drilled through the skull with the point of the scalpel. The needle is inserted through the hole, carried over to the opposite side and about one-half cc. of the emulsion injected. Upon removal of the needle, the skin returns to its normal position and the hole in the skull is covered by skin. A bit of cotton covered with collodion completes the operation. The animal apparently suffers no inconvenience from the operation. Rabbits will have an incubation period of 10 to 20 days and guinea pigs of 6 to 12 days. Rabbits usually develop a paralysis of the hind legs and die in two to four days after the onset of symptoms, while guinea pigs die suddenly after an incubation period passed in perfect health. If the material is decomposing it should be placed in glycerine for twenty-

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four hours to diminish the chance of infection by contaminating organisms, emulsified and about 1 cc. injected deeply into the muscles of the neck of a guinea pig. The period of incubation in this instance will be longer than after intracranial injection; about two or three weeks.

PASTEUR TREATMENTS

1st case of the series began treatment February 1st, 1912.
The last case began treatment June 25th, 1912.
Total number of cases treated, 88.

Complications observed:

Subcutaneous abscess, 2.
Trancient paralysis of face, 1.
Died of rabies during or soon after completion of treatment, 2.
Discontinued treatment before completion, 7.

Location of bites:

Face, 5; wrist and arm, 59; lower extremities, 27.

The number of bites is a little more than the number of patients treated because a few of them were bitten in more than one place.

Wounds cauterized, 41; wounds not cauterized, 38; not recorded, 9.

Of the three fatal human cases of rabies that have occurred in San Francisco up to the date of this report, two had taken the Pasteur Treatment and one had not. One case came down with the disease on the 18th day of treatment, twenty-two days after receiving the bite on the left arm and foot. The second case developed the first symptoms of rabies four days after completing treatment and twenty-nine days after receiving the bite. This man's bite was on the right wrist and was severe, bleeding freely. Negri bodies were found in the brains of both of the biting dogs, and in the brains of both men.

A third case, untreated, had an incubation period of about one month after receiving a very slight bite on the thumb near the base of the nail.

REPORT OF MILK IMPROVEMENT ASSOCIATION.

On January twenty-second, 1908, the California Club called a conference looking toward the betterment of the milk supply of San Francisco. Organizations interested in the production, distribution and consumption of milk were invited to send delegates. This body developed into the Milk Improvement Association, made up of milk dealers, physicians, housewives, city officials and others. The aims of the association at its inception were:

1. The testing of all cows for tuberculosis.
2. The absolute sanitary cleanliness of all dairies and other places handling milk.
3. The immediate cooling of milk on being drawn to below 50° Fahrenheit, and the maintenance of the milk at this temperature until consumed.
4. The delivery of milk to householders within twelve hours after milking.
5. The filling of bottles at dairies.

Early in the work a letter was received from the Milk Dealers' Association, assuring this organization of its co-operation. From the inception of the movement the dairymen of the better class have endeavored to maintain high standards. Like other business men they supply goods that the public demands. Committees have been active on Publicity, Inspection, Education, Police Court and Certification. The Press has assisted most generously with editorials, notices of meetings and leading articles.

INSPECTION: The necessity arose early for systematic, constructive dairy inspection. A properly trained man with knowledge, tact and force became indis-

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pensable. No funds were available in the Health Department with which to employ such an inspector. The matter was deemed so vital that the members undertook by subscription and otherwise to defray the cost of such inspection. Some $1,500 was raised and a competent man put into the field. The inspection was carried on under the direction of the Board of Health and all dairies supplying milk to San Francisco were inspected and such dairies as were rated high were given a permit to ship milk into San Francisco. Others were advised to make certain changes in their technique or in their plant before receiving a permit. Some dairymen preferred to ship to some other city with less exacting demands. In these cases the Milk Improvement Association informed the Health Officer of such city of the fact.

The inspection of dairy depots in the city brought to light the fact that the poorest quality of milk in the city was to be found in restaurants, bakeries and groceries handling milk.

The Police Court Committee found it advisable to make frequent visits to the Police Court. As a result of their unremitting interest fines were increased, while dismissals became rarer. There was found to be a definite relation between the amount of the individual fines and the number of arrests. The amount of fines increased from a nominal amount to over $4,000 per year. Within the last year the committee has succeeded in having milk cases set on one day of the week, a great saving resulting in the time spent in court as witnesses by inspectors and chemists of the Health Department.

The Education Committee have endeavored to make public facts bearing on the production, handling and care of milk, both by dealers and housewives, and to stimulate a demand for the cleanest and purest dairy products. In 1909 the committee secured from the Board of Education permission to give lectures on milk in the evening in the public schools. Other lectures have been arranged before club organizations.

CERTIFIED MILK: When the Milk Improvement Association came into being there was no certified milk on the market. One man offered to furnish this absolutely healthful milk if a demand for 300 quarts could be guaranteed. Through the efforts of the Medical Milk Commission certified milk was made possible and today over 4,430 quarts are delivered daily in San Francisco.

There are many questions at present before the association awaiting solution. One of them is official pasteurization. Ordinary commercial pasteurization has been found to be inefficient. A method by which the Board of Health shall guarantee the pasteurization is being worked out. A classification of milk is also under consideration. Each class of milk being sold as under the pure food law—properly labeled "Certified Milk," "Inspected Milk," "Pasteurized Milk," and "Garden or Market Milk." The latter to be sold in bulk for cooking. A milk show and contest is in contemplation for 1915.

Steps are being taken looking toward the better protection of milk handled at the Ferry building.

The care given milk during transportation is not ideal. The standing of cases of milk in the hot sun at stations waiting for trains must be overcome. The handling of milk cans in ordinary freight or baggage cars is not sanitary. The keeping of milk below a temperature of 50° Fahrenheit in transit as health demands is a problem—also the return of empty cans.

These are questions which bear directly upon the health of the family and must be solved at no distant date.

No report of the association can be complete without reference to the cordial co-operation of the Board of Health through its Health Officer. Not only has he generously offered the rooms of the Board of Health as a meeting place, but he has been at all times a most active and helpful member of the association.

MINORA E. KIBBE,

Vice President Milk Improvement Association.

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THE MILK SUPPLY OF SAN FRANCISCO AND ITS BACTERIAL CONTENT.

By EDWIN E. HUTSHING, Ph. C., Asst. Bacteriologist.

Of the various classes of milk, shipper's, wagons, creamery, depot etc., of which samples are taken by the Health Department's inspectors to be submitted to its laboratories for examination, only the first named is regularly put through the routine bacteriological examination. By shipper's milk is meant that which comes direct from the source of supply, namely, the dairy.

At various, but irregular periods throughout each month, samples are taken as the shipments arrive at the main points of entry to the city, (Third and Townsend Sts., and the Market St. (Union) Ferry. The "raids" occur either at an early morning hour (about 7 A. M.) or in the evening (about 7 P. M.), as it is at these times that practically the whole city supply reaches here.

The low temperature of the early morning and evening hours at which the samples are taken is most conducive towards keeping the bacterial content at a point that will give the laboratory examination the diagnostic value it aims at, that is, the condition of the milk at the time of its arrival in the city.

There are about 130 dairies supplying milk to this city. All of these lie within a radius of 100 miles of San Francisco. As may be seen from the dairy location map, the majority of these supply sources lie within 35 miles of the city. The cows supplying the product arriving here about 7 A. M. are milked about 3 A. M.; that which arrives in the evening comes from the milking done about 3 P. M.

Charts I and II denote the official temperature and humidity records for San Francisco, yet they hold good for the greater part of the dairy region, especially Marin and San Mateo counties. The humidity figures are controlled principally by the fogs which for the mornings and evenings throughout the greater part of the year envelop most of the counties bordering on San Francisco Bay. The most striking fact about the temperature is its comparative evenness throughout the year. The winter fogs are principally tule fogs, but the heavy mists present during most of the year are the clean, cool ocean fogs direct from off the Pacific.

Thus, the time of milking, the comparatively short distance from this city, with the ready and rapid means of transit, the comparatively low and especially even temperature, with its accompanying cool fogs, are some of the most important causes going towards giving this class of milk the low bacterial count that it as a whole shows.

The standard set by this city's Board of Health for non-certified milk is 500,000 bacteria per c. c. This standard holds throughout the year. Chart III shows that but very few samples exceed this standard. From July, 1908 to 1909 80% came within this standard; from '09 to '10, 93%; from '10 to '11, 94%; from '11 to '12, 97%. I would suggest that the bacterial standard be set at 200,000 B per c. c., a figure that all the dairies could come within with but little effort. It is a figure that the majority continually come within even now. In fact if we take a standard of 100,000 per c. c. we find that the majority of samples are within even this figure.

From July '08 to '09 the samples below 100,000 B. per c. c. were 62%; from '09 to '10, 81%; from '10 to '11, 80%, and from '11 to '12 82%.

There are a few other seaboard cities, Eastern and Western, that show almost as low a count as given in Charts III and IV, but in all cases their low count is obtained only after the rigid enforcement of icing the milk from the time it is drawn until it practically reaches the consumer. None of the milk arriving in San Francisco has been iced either at the dairy or during transit. This expensive

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method of obtaining a bacteriologically clean milk has been found unnecessary with us, due to the various local and climatic conditions mentioned above, for were it not for these, icing would no doubt be as necessary with us as it is practically everywhere else.

What has also been of great importance in obtaining the low bacterial count is the score card standard set by the city Board of Health for all dairies supplying this market with their products. The Board has at all times at least two inspectors (veterinarians) among the dairies enforcing this score card standard for sanitary conditions of buildings and equipment, health of employees and stock. Failure to reach the required percentage of cleanliness, etc., demanded, results in the refusal of entry into this city of the products of those dairies.

On the morning or evening of a milk-raid, the samples are collected by the inspectors with the utmost care, and immediately placed in specially prepared sterile glass containers.. The milk in the can is first thoroughly agitated with sterile mixers, and from each is taken 60 c. c. by means of a sterile dipper (a fresh one being used for each sample), and this is immediately poured into the glass jar. The jar is labeled with the dairy number and with nine like containers is placed in a specially prepared ice-box. At each "raid" anywhere from 30 to 80 separate samples are taken, and within fifteen minutes after the last one is obtained, they are delivered at the laboratory. If from a night "raid" the milk is not examined until the following morning, but being well iced and besides this placed in a refrigerator, we have found that no noticeable increase in the count takes place through the delay in examination. The samples arriving in the morning are of course examined at once.

Until four months ago the routine examination of the milk, bacteriologically, consisted in plate counts on nutrient 2.% agar (plus 1.5%). Dilutions of the milk were made 1 to 100 and 1 to 10,000, and incubated 43 hours at 37° C. This simple plating method was considered to be of too little value for the purpose of keeping a check on the sanitary conditions of the dairies and handling of the milk. Dissatisfaction with this method that told part of the story only, led to the adoption of the direct microscopic examination of the centrifuged sediment.

A modified Stewart disk-centrifuge, which had been used for a short time and discarded, was resurrected. It had been originally used when the laboratory was situated in another building, where both alternating and direct currents were available, but the present quarters are provided with but one current unsuitable for the machine. The difficulty has been overcome by adjusting the aluminum disk, after very slight alteration in the pivot hole, to a high-power Purdy centrifuge. The result is most satisfactory.

Our method of preparing the milk sediment for microscopic examination is as follows:

After shaking the bottle containing the milk twenty-five times, 2 c. c. of the fluid is withdrawn by means of a sterile pipette and delivered into one of the small glass tubes which has previously been closed at one end with a rubber stopper. We have found that it is sufficient to place a stopper at but one end of the tube instead of at both ends as usually done. The tubes are placed in the disk after it has been adjusted to the centrifuge, since the placing of the twenty vials before its adjustment often leads to a loss of part of the sample. The cover is then placed on the disk and the centrifuge run for about ten minutes at its maximum speed of about 4,500 revolutions a minute.

The tubes are then removed from the disk in the rotation in which they had been placed in it. As many glass slides as there are samples are spread out on a table in a dust-free part of the laboratory and with a grease pencil each one is marked with a number corresponding with the sample number. A circle having an area of four square centimeters has been cut into the table. A slide is then placed over it, and in the center of the circle appearing through the slide is placed a drop of water.

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The cream that has gathered at the open end of the vial is reomved with a platinum loop, and the milk in order not to disturb the sediment is carefully poured into a waste jar. The rubber stopper is then removed and the sediment on it is thoroughly smeared over the circle, the drop of water allowing a thin, even smear to be made. It is usually necessary to spread out the drop that forms on removing the stopper from the slide, by means of a platinum needle.

The smears are allowed to dray (about 3 minutes.) To fix the smear and at the same time remove the butter fat, the slides are placed for five minutes in dishes containing equal parts of ether and alcohol. On removal they are quickly drained and spread out in order that the solvent may evaporate. They are then stained.

After trying the various stains recommended, we have made up the following one which is most satisfactory. Sat. alcoholic sol. of fuchsin, two drops; saturated alcoholic sol. of methylene blue, 20 drops; water to make 15 c. c.. The stain is allowed to remain on the film for two minutes, then gently washed off with tap water, drained and dried between filter paper.

The microscopic examination is made with a twelfth inch immersion objective and number 10 eye-piece. The bacteria appear blue on a pink back-ground. The "pus-cells" nucleus blue, protoplasm dark pink. The picture is very clear and quite beautiful.

Each bacterium per field is considered as representing a colony on a one-in-ten-thousand dilution plate. As will be seen from chart IV, the colonies in such a dilution plate are usually few, and as the B. per microscopic field are correspondingly so, the quick survey of eight or ten fields is easily made, and from this an average is taken. This number multiplied by ten thousand gives us the bacteria per c. c. in the original sample.

We have checked our microscopic results against two hundred and fifty plates of the ten thousand dilution, and have found them to agree close enough to continue the microscopic method. Neither method is perfect, but only approximate. With the plate method many bacteria in spite of thorough shaking of the milk, remain clumped and grow as one colony; many are killed by the temperature at which the agar is poured, and many no doubt fail to grow at incubator temperature, and after forty-eight hours incubation, a "spreader" may obscure many colonies. With the microscopic method, not all the bacteria are thrown down even after ten minutes centrifuging; some are washed out of the sediment in pouring out the milk from the vials, and some no doubt remain on the stopper in spite of careful spreading onto the slide. But with the latter method we get our microscopic count the same day as the samples are received instead of waiting forty-eight hours; there is a great saving of material (media) and time in cleaning glassware, but most important, we get an idea, without the further cultural work that is necessary with plates, as to the kind of bacteria we are dealing with and to the number of pus-cells present.

As the diagnostic value given by the number of leucocytes present in milk is still being questioned by the best authorities, but little attention has been pa·d to that part of our microscopic pictures. Every sediment of course contains some cells. The average number per field being about five, but two or three times this number we find to be not uncommon.

We have rarely found streptococci in abundance. In looking over eight or ten fields of almost any sample, one or two short chains are found. In the samples where they appeared in large numbers, and where they were the predominating type, they proved of great significance. For example, in three cases in which th. samples showed numerous streptococci, and an inspector was immediately dispatched to the place from which the milk had come, the following conditions were found to exist: In one instance one of the herd had the "forward uders and bag affected by a black foreign growth, which split and bled on pressure." Another cow had a diseased udder. In a second case investigated, the milk cans being returned from the city were dirty and of strong odor, and were being refilled at the

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dairy without first being given a thorough cleansing. A third case was due to dehorning. This operation had been very recently performed. "Suppuration and necrosis of horn butts were found to exist and great quantities of pus were present about the heads of several cows. By rubbing their heads against one another's body the infectious material and pus was so distributed that it was an easy matter for it to get into the milk.

Though most cities deem it worth their while to make bacteriological examinations of both creamery and wagon milk, we have considered examinations from these sources to be of too little significance to repay us for the time they would consume, believing the control of the source of supply to be of most value. The sanitary conditions of the local creameries and milk depots, etc., are constantly under inspection. Their water supply being the same as is furnished to the city in general, is thus regularly examined bacteriologically as well as chemically. The health of their employees is under the control of the medical inspectors of the Department of Public Health.

There is at present pending an agreement between the Milk Dealers' Association and the Milk Drivers' Union, regarding a daylight delivery (7 A. M. to 5 P. M.) only. Should this agreement go into effect, it is proposed by the dealers to pasteurize all of the general supply. It is expected that the agreement will go into effect Jan. 1st, 1913.

Whenever the milk supply of a city is pasteurized, the bacteriological examination and the general control of the supply becomes more imperative than ever before. To explain why this should be so, it will be necessary that the pros and cons of pasteurization be stated.

The principal advantages to be gained by pasteurizing milk are: A great reduction in the number of bacteria; this leads to the following results: Protection from infection with diseases usually transmitted by milk; reduction of the infantile death rate; the enhancing of the keeping quality of the milk.

From the foregoing it would seem that the general adoption of pasteurization could only lead to good results. And so it would if the following objections to the method were fully recognized by the Health Departments:

Pasteurized milk instead of souring, usually putrefies. This is due to the fact that the lactic acid bacteria are destroyed in the process, thus giving free reign to the multiplication of the undesirable putrefactive sporebearing organisms that are not killed, and which had before pasteurization been held in check by the harmless lactic-acid producers. Another objection is that pasteurization is inadequate, for where before subjecting the milk to the process it may show a count of 1,000,000 per c. c., the destruction of all these might still render the product unfit for consumption, as the toxins and products of their metabolism are still present, This is especially dangerous where infants and invalids are concerned. It is claimed by some authorities that undesirable changes may occur by heating which results in making the milk less digestible, particularly in the case of infants. The most serious objections are those relating to the possible change in sanitary conditions in the handling of milk before and after pasteuriztaion, and of the repasteurizing of old milk. Carelessness in handling after pasteurization may result in serious contamination of the product. "Pasteurization will put back improvements on the source of the supply and encourage dirty habits, the farmer understanding that it is not necessary to be particular since the dirt that gets in is going to be cooked and made harmless." Another important point against pasteurization is the false security given by the label, "Pasteurized Milk," on the bottle, for the age and the subsequent handling of the product are not guaranteed by the label.

Now the above objections are most weighty, but each and every one of them, with the exception of the question of the digestibility of pasteurized milk, and which objection has practically been settled in the negative, are up to the Health Authorities. The general adoption of pasteurization would necessitate more rigid field and laboratory control of the milk supply than has been in vogue heretofore. With such control of the product, all the value of a pasteurized milk supply would be gained and none of its objections realized.

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Bacteriological Examinations:

Month.	Diphtheria				Tuberculosis			Widal Reactions			Other Examinations	Milk	Water	Fumigations	Rabies				Monthly Total
	Positive	Negative	No Growth	Total	Positive	Negative	Total	Positive	Negative	Total					Positive	Negative	Total	Pasteur Treatment	
1911.																			
July	14	45		59	9	41	50	4	22	26	1	133	21	1					291
August	11	64		75	18	24	42		21	21	5	61	19						221
September	9	47		56	18	48	66	2	22	24		137	19	1					303
October	10	56		66	60	73	133	3	45	53	7	76	37	2					374
November	29	86		115	51	76	127	4	31	35	6	133	24	1					441
December	20	129		149	43	89	132	4	21	25	10	72	20	3					411
1912																			
January	18	120		138	66	76	142	3	12	15	10	157	40	3					505
February	14	90		104	53	65	118	2	21	23	8	80	25	5	11	6	17		380
March	35	106	3	144	57	75	132	1	19	20	10	124	38	1	35	18	53	537	1059
April	27	77	1	105	42	53	95	1	22	23	8	260	24		70	20	90	662	1267
May	11	80		91	61	67	128		25	25	9	305	25		47	13	60	537	1180
June	21	62		83	59	62	121		39	39	12	509	30	7	29	13	42	400	1243
Total	219	962	4	1185	537	749	1286	29	300	329	86	2047	320	24	192	70	262	1509	7138

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BACTERIOLOGICAL EXAMINATION OF SPRING VALLEY WATER CO.'S WATERS
JULY 1911 TO JUNE 1912, INCLUSIVE.

MONTH	Potrero Heights Res.		College Hill Res.		University Mnd. Res.		N. Lake Merced		S. Lake Merced	
	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.
1911										
July			220	Absent	360	Absent	40	Absent	48	Absent
August	96	Absent	68	Absent	110	Absent	220	Absent	150	Absent
September	180	Absent	420	Absent	560	Absent	260	Absent	340	Absent
October	240	Absent	160	Absent	550	Absent	380	Absent	96	Absent
November	310	Absent	220	Present	380	Absent	150	Absent	110	Absent
December	220	Absent	1100	Absent	340	Absent	780	Present	520	Absent
1912				Absent	720	Absent	218	Absent	540	
January	128	Absent	64	Absent	360	Absent	650	Absent	240	Present
February	728	Absent	850							Absent
March	1110	Absent	635	Absent	182	Absent	1600	Absent	650	Present
April	320	Absent	2400	Absent	1000	Absent	1500	Absent	30	Absent
May		.....	200	Absent	1000	Absent	450	Absent	100	Absent
June	600	Absent	66	Absent	34	Absent	22	Absent	70	Absent

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BACTERIOLOGICAL EXAMINATION OF SPRING VALLEY WATER CO.'S WATERS
JULY 1911 TO JUNE 1912, INCLUSIVE.

MONTH	Lake Honda		Clay St. Tank		Francisco St. Res.		Lombard St. Res.		Presidio Hghts Tank		Clarendon Hghts. Tank	
	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bact. coli. com.	Bact. per cc.	Bac. Coli Com.
1911												
July	54	Absent	46	Absent	460	Present	220	Absent	98	Absent	108	Absent
August	260	Absent	50	Absent	500	Absent	180	Absent	60	Absent	42	Absent
September	190	Absent	86	Absent	320	Absent	234	Absent	90	Absent	102	Absent
October	48	Absent	94	Absent	160	Absent	180	Absent	180	Absent	210	Absent
November	82	Absent	116	Absent	190	Absent	260	Absent	200	Absent	96	Absent
December	210	Absent	86	Absent	370	Absent	48	Absent	920	Absent	56	Absent
1912												
January	310	Absent	80	Absent	54	Present	810	Absent	4200	Absent	3100	Absent
February	170	Absent	96	Absent	260	Absent	130	Absent	1500	Absent	1800	Absent
March	658	Absent	84	Absent	992	Absent	564	Absent	750	Absent	928	Absent
April	70	Absent	40	Absent	240	Absent	100	Absent	70	Absent	124	Absent
May	150	Absent	80	Absent	150	Present	450	Absent	150	Absent	120	Absent
June	44	Absent	82	Absent	150	Present	100	Absent	50	Absent	30	Absent

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TABLE OF MILK.

Bacterial Counts.

Milks containing	10,000 and less bacteria per cc.	345
	10,000 to 50,000 bacteria per cc.	974
	50,000 to 100,000 bacteria per cc.	370
	100,000 to 250,000 bacteria per cc.	160
	250,000 to 500,000 bacteria per cc.	131
	500,000 to 1,000,000 bacteria per cc.	54
	1,000,000 and over bacteria per cc.	13
	Total	2,047

Bacterial index of the City's supply according to the method of the American Public Health Association, 78.

CHEMICAL DIVISION.

Samples Analyzed by the Laboratory for the Year 1911-1912.

Substance.	Number.
Urines	83
Water	2
Soils	2
Crab	2
Oysters	3
Devil-fish	1
Canned Crab	1
Paper	1
Condiments	2
Cornucopia	2
Walnuts	1
Sugar	1
Salt	1
Chicken	1
Roast Beef	1
Enchilada	1
Bread	2
Cake	1
Sauerkraut	1
Gelatine	1
Pickled Beet	1
Alcohol	2
Tonic	1
Human Milk	1
Insect Powder	2
Bay Rum	1
Duffy's Elixir of Life	1
Breakfast Food	1
Blankets	23
Disinfectants	8
Brines and Preservatives	12
Pork Sausage	49
Chopped Meat	59
Frankfurter	10
Hamburger	94
Baking Powder	2
Jelly	1

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Preserves	2
Fruits	3
Flour	4
Eggs	5
Butter	15
Condensed Milk	3
Ice Cream	59
Candy	35
Maple Syrup	19
Edible Oils	7
Lubricating Oils	3
Vinegar	19
Wines	5
Non-Alcoholic Beverages	174
Toxicological	36
Milk	5,446
Water	310
Cream	65
	6,556

PERCENTAGES OF ADULTERATION.

Substance.	Percent Adult.	Remarks.
Non-Alcoholic Beverages	13	
Vinegars	5	
Ice Cream	6	
Butter	0	Only few suspected samples analyzed.
Frankfurter	0	Only few samples analyzed.
Sausage (Pork)	4	
Chopped Meats	12	
Milk		
Cream	3	

As only a few samples of foods of miscellaneous classes were analyzed, a fair percentage of adulteration, representing market conditions, could not be obtained. As in the case of butter and frankfurters in the above tabulation, there were not a sufficient quantity analyzed to correctly represent this percentage of adulteration.

In the cases of non-alcoholic beverages and chopped meats the percentage is quite high, owing presumably to ignorance on the part of the manufacturers and butchers, as to the requirements of the food laws. Since the final ruling of the Secretary of Agriculture, prohibiting the use of saccharine as a sweetening agent, went into effect April 1, 1912, the adulteration of soda waters with this substance will undoubtedly be a great deal lower in the future.

Taking into consideration the fact that only those classes of foods were analyzed in which adulterations was suspicioned, the percentage of adulteration of all foods would be quite low, probably less than one per cent.

SPRING VALLEY WATER SUPPLY.

The tabulations given in the following pages of the analyses of Spring Valley, arranged according to the months of the year, show an increase in total solids, chlorine and nitrates towards the latter part of the year, probably caused by concentration from evaporation or by dilution during the rainy season. As to the other factors included in the analyses, there is no appreciable change during the different months of the year. The tabulations represent the analysis of 1,275 samples of Spring Valley Water.

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SPRING VALLEY

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	University Mound Reservoir	July	Clear	271	72	179
	" " "	Aug.	Clear	273	66	207
	" " "	Sept.	Clear	265	85	180
	" " "	Oct.	Clear	268	90	178
	" " "	Nov.	Clear	300	70	230
	" " "	Dec.	Slightly turbid	326	86	240
	" " "	Jan.	Slightly turbid	158	58	100
	" " "	Feb.	Clear	327	105	222
	" " "	Mar.	Clear	260	113	147
	" " "	April	Slightly turbid	231	83	148
	" " "	May	Slightly turbid	140	50	90
	" " "	June	Slightly turbid	241	29	212

SPRING VALLEY

	College Hill Reservoir	July	Clear	130	40	90
	" " "	Aug.	Clear	127	44	83
	" " "	Sept.	Clear	129	51	78
	" " "	Oct.	Clear	145	54	91
	" " "	Nov.	Clear	150	50	100
	" " "	Dec.	Clear	165	53	112
	" " "	Jan.	Slightly turbid	156	52	104
	" " "	Feb.	Slightly turbid	148	60	88
	" " "	Mar.	Slightly turbid	148	38	111
	" " "	April	Slightly turbid	181	37	144
	" " "	May	Slightly turbid	268	72	196
	" " "	June	Slightly turbid	231	40	191

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WATER SUPPLY.

1,000,000.)

Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
22	.010	.000	.080	.082	2	No blackening.
22	.001	.300	.080	.102	1	Slightly blackens.
23	.001	.250	.010	.106	1	Slightly blackens.
24	.010	.600	.008	.098	1	Slightly blackens.
23	.002	.600	.004	.056	1	Slightly blackens.
18	.003	.200	.028	.096	1	Slightly blackens.
13	.000	.000	.032	.104	2.5	Slightly blackens.
15	Trace	.640	.008	.052	2	No blackening.
48	Trace	.200	.012	.130	2.5	Slightly blackens.
22	Trace	.300	.016	.088	2	Slightly blackens.
22	.001	.300	.034	.102	1	Slightly blackens.
25	.000	.200	.012	.110	1	Slightly blackens.

WATER SUPPLY.

22	.012	.000	.022	.122	3	Blackens.
20	.000	.000	.012	.122	3	Blackens.
20	.000	.000	.012	.098	2	Blackens.
21	.0002	1.000	.008	.128	2	Blackens.
21	.0002	.000	.006	.146	2	Blackens.
16	.000	.000	.014	.068	2	Blackens.
15	.000	.000	.024	.116	3	Blackens.
16	Trace	.160	.008	.084	2	Blackens.
24	Trace	.200	.020	.112	2	Blackens.
23	Trace	.100	.010	.096	2	Blackens.
23	Trace	.000	.036	.138	2	Blackens.
25	Trace	.300	.010	.078	1	Blackens.

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SPRING VALLEY

(Parts per

Lab. No.	SOURCE.	Date.	Clear or Turbid.	Total Solids.	Loss on Ignition.	Fixed Residue.
	Presidio Heights	July	Clear	254	49	205
	" "	Aug.	Clear	275	82	193
	" "	Sept.	Clear	262	46	216
	" "	Oct.	Clear	261	72	189
	" "	Nov.	Clear	298	60	238
	" "	Dec.	Clear	309	89	220
	" "	Jan.	Clear	325	93	232
	" "	Feb.	Slightly turbid	299	96	203
	" "	Mar.	Slightly turbid	292	70	222
	" "	April	Clear	237	78	159
	" "	May	Slightly turbid	246	78	168
	" "	June	Clear	242	74	168

SPRING VALLEY

	Clarendon Heights	July	Clear	271	48	223
	" "	Aug.	Clear	283	57	226
	" "	Sept.	Clear	275	74	201
	" "	Oct.	Clear	267	79	188
	" "	Nov.	Clear	298	69	229
	" "	Dec.	Slightly turbid	241	68	173
	" "	Jan.	Slightly turbid	331	112	219
	" "	Feb.	Slightly turbid	283	67	216
	" "	Mar.	Slightly turbid	300	103	197
	" "	April	Slightly turbid	223	48	175
	" "	May	Slightly turbid	248	68	180
	" "	June	Clear	285	75	160

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WATER SUPPLY.

1,000,000.)

Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
21	.001	.400	.010	.118	2	Blackens.
22	.000	.300	.010	.096	2	Blackens.
23	.000	.400	.016	.082	2	Slightly blackens.
24	.003	.600	.008	.078	1	Slightly blackens.
23	.001	.060	.008	.050	2	Slightly blackens.
13	Trace	.000	.010	.044	2	Slightly blackens.
18	Trace	None	.011	.060	1	Slightly blackens.
40	.001	.640	.006	.056	0.9	No blackening.
23	Trace	.600	.018	.070	1.6	Slightly blackens.
23	Trace	.300	.014	.056	2	Slightly blackens.
24	Trace	.200	.012	.080	2	Slightly blackens.
26	Trace	.200	.018	.118	1	Slightly blackens.

WATER SUPPLY.

21	.001	.300	.022	.128	2	Slightly blackens.
22	.000	.035	.010	.072	1	Slightly blackens.
24	.000	.350	.006	.096	1	Blackens.
23	.004	.600	.012	.128	1	Slightly blackens.
25	.00015	.700	.014	.048	2	Slightly blackens.
13	.000	.000	.010	.060	2	Blackens.
12	Trace	.000	.012	.054	1	Slightly blackens.
17	.001	.640	.004	.050	1.1	Slightly blackens.
24	Trace	.500	.020	.076	1.5	Slightly blackens.
20	.000	.200	.014	.062	2	Blackens.
25	Trace	.200	.012	.094	2	Blackens.
26	None	None	.010	.104	2	Slightly blackens.

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SPRING VALLEY

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Lake Honda	July	Clear	188	61	127
	" "	Aug.	Clear	175	54	121
	" "	Sept.	Clear	189	70	119
	" "	Oct.	Clear	178	48	130
	" "	Nov.	Clear	190	78	112
	" "	Dec.	Clear	246	58	188
	" "	Jan.	Clear	229	53	176
	" "	Feb.	Slightly turbid	228	67	161
	" "	Mar.	Slightly turbid	288	94	194
	" "	April	Slightly turbid	191	80	111
	" "	May	Slightly turbid	185	42	123
	" "	June	Slightly turbid	230	63	167

SPRING VALLEY

	North Lake Merced	July	Clear	277	71	206
	" " "	Aug.	Clear	258	65	193
	" " "	Sept.	Clear	270	70	200
	" " "	Oct.	Clear	287	68	219
	" " "	Nov.	Turbid	190	35	155
	" " "	Dec.	Clear	290	85	205
	" " "	Jan.	Turbid	251	80	171
	" " "	Feb.	Turbid	293	87	206
	" " "	Mar.	Turbid	224	71	153
	" " "	April	Turbid	296	80	216
	" " "	May	Turbid	282	53	229
	" " "	June	Turbid	278	74	204

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WATER SUPPLY.

1,000,000.)

Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
33	.000	.000	.012	.112	3	Blackens.
33	.000	.000	.012	.138	3	Blackens.
34	.000	.000	.012	.122	2	Blackens.
34	.002	.000	.018	.178	2	Blackens.
33	.0005	.000	.008	.052	2	Blackens.
41	Trace	None	.018	.150	3	Blackens.
29	.009	.000	.052	.178	1.5	Slightly blackens.
20	.002	.080	.040	.196	3	Blackens.
36	Trace	.000	.020	.188	3	Blackens.
22	Trace	.000	.006	.058	2	Blackens.
32	Trace	.100	.040	.154	3	Slightly blackens.
28	Trace	.000	.016	.196	1	Blackens.

WATER SUPPLY.

57	.000	.000	.008	.220	1	Blackens.
56	.001	.000	.008	.212	3	Blackens.
59	.000	.000	.012	.188	3	Blackens.
59	.003	.000	.000	.172	3	Blackens.
49	.001	.000	.026	.176	3	Blackens.
50	.0005	.200	.044	.270	4	No blackening.
56	.009	None	.056	.166	4	Slightly blackens.
58	.012	.400	.032	.408	4	Slightly blackens.
62	.002	.000	.024	.364	4	Slightly blackens.
63	.008	.100	.008	.424	4	Slightly blackens.
65	None	.200	.018	.276	3	Slightly blackens.
65	.000	.300	.008	.296	3	Slightly blackens.

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SPRING VALLEY

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	South Lake Merced	July	Clear	283	73	210
	" " "	Aug.	Turbid	213	65	148
	" " "	Sept.	Clear	270	69	201
	" " "	Oct.	Clear	265	70	195
	" " "	Nov.	Turbid	190	50	140
	" " "	Dec.	Clear	325	86	239
	" " "	Jan.	Turbid	355	72	283
	" " "	Feb.	Turbid	312	109	203
	" " "	Mar.	Turbid	262	48	214
	" " "	April	Turbid	270	84	186
	" " "	May	Turbid	280	88	182
	" " "	June	Turbid	264	54	210

SPRING VALLEY

	Francisco Street Reservoir	July	Clear	268	62	206
	" " "	Aug.	Clear	254	58	196
	" " "	Sept.	Clear	220	73	147
	" " "	Oct.	Clear	236	67	169
	" " "	Nov.	Clear	286	76	200
	" " "	Dec.	Slightly turbid	261	61	200
	" " "	Jan.	Slightly turbid	324	107	217
	" " "	Feb.	Slightly turbid	297	85	212
	" " "	Mar.	Slightly turbid	281	107	174
	" " "	April	Slightly turbid	228	84	124
	" " "	May	Slightly turbid	222	47	175
	" " "	June	Slightly turbid	232	64	168

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WATER SUPPLY.

1,000,000.)

Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
57	.000	.000	.008	.220	4	Blackens.
39	.012	.250	.012	.226	5	Blackens.
59	.000	.000	.032	.188	3	Blackens.
57	.003	.000	.000	.178	2	Blackens.
46	.0005	.000	.024	.176	3	Blackens.
58	.0005	.000	.038	.248	1	Blackens.
57	.009	.000	.062	.182	4	Blacken
56	Trace	.800	.010	.052	1	No blackening.
59	None	Trace	.012	.436	4	Blackens.
60	Trace	.200	.008	.282	4	Blackens.
62	Trace	None	.036	.308	4	Blackens.
64	Trace	.200	.014	.226	3	Blackens.

WATER SUPPLY.

22	.002	.220	.012	.158	2	Slightly blackens.
25	.000	.020	.010	.108	2	Slightly blackens.
29	.000	.010	.006	.122	1	Slightly blackens.
26	.004	.200	.004	.086	2	Slightly blackens.
23	.003	.600	.004	.068	2	Slightly blackens.
15	Trace	.000	.008	.096	2	Slightly blackens.
14	Trace	.000	.012	.102	1.5	Slightly blackens.
22	.001	.480	.006	.052	1.1	Slightly blackens.
26	Trace	.500	.006	.090	2.0	Slightly blackens.
22	Trace	.010	.024	.064	2	Slightly blackens.
35	Trace	.010	.008	.106	2	Slightly blackens.
26	Trace	.400	.008	.164	2	Slightly blackens.

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SPRING VALLEY

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Lombard Street Reservoir	July	Clear	216	47	169
	" " "	Aug.	Clear	203	52	151
	" " "	Sept.	Clear	210	46	164
	" " "	Oct.	Clear	207	60	147
	" " "	Nov.	Slightly turbid	207	60	147
	" " "	Dec.	Slightly turbid	208	34	174
	" " "	Jan.	Turbid	260	87	173
	" " "	Feb.	Turbid	235	67	168
	" " "	Mar.	Turbid	215	53	162
	" " "	April	Slightly turbid	174	65	109
	" " "	May	Slightly turbid	227	40	187
	" " "	June	Clear	223	40	183

SPRING VALLEY

	Clay Street Tank	July	Clear	251	66	185
	" " "	Aug.	Clear	247	61	186
	" " "	Sept.	Clear	255	66	189
	" " "	Oct.	Clear	256	66	190
	" " "	Nov.	Clear	295	62	233
	" " "	Dec.	Clear	390	75	315
	" " "	Jan.	Clear	309	95	314
	" " "	Feb.	Clear	280	59	221
	" " "	Mar.	Clear	294	61	233
	" " "	April	Clear	270	88	182
	" " "	May	Clear	276	46	230
	" " "	June	Clear	265	41	224

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WATER SUPPLY.

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Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
27	.030	.100	.022	.144	3	Blackens.
30	.000	.000	.010	.096	2	Blackens.
30	.000	.050	.012	.052	4	Blackens.
28	.006	.000	.008	.126	2	Blackens.
24	.001	.200	.006	.084	2	Blackens.
19	Trace	.000	.010	.096	2	Blackens.
16	.005	.000	.020	.150	2.5	Blackens.
31	.004	.048	.008	.162	2.2	Blackens.
35	Trace	.300	.006	.152	3	Blackens.
27	.0005	.300	.020	.076	2	Blackens.
34	Trace	None	.010	.096	2	Blackens.
26	None	.500	.010	.146	1	Blackens.

WATER SUPPLY.

19	.002	0.42	.018	.102	2	Slightly blackens.
20	None	0.4	.008	.080	1	Slightly blackens.
21	None	0.4	.006	.086	1	Slightly blackens.
21	.001	0.6	.006	.126	2	Blackens.
22	Trace	0.6	.008	.046	2	Blackens.
19	None	None	.012	.066	1	Blackens.
14	Trace	None	.010	.058	1	Blackens.
21	.001	0.24	.006	.052	2.0	Blackens.
37	Trace	.800	.008	.056	1	Blackens.
24	Trace	0.4	.018	0.052	1	Blackens.
26	Trace	0.3	.012	.074	2	Blackens.
26	None	0.6	.008	.072	4	Slightly blackens.

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SPRING VALLEY

(Parts per

Lab. No.	SOURCE.	Date.	Clear or Turbid.	Total Solids.	Loss on Ignition.	Fixed Residue.
	Potrero Heights	Aug.	Turbid	250	82	168
	" "	Sept.	Turbid	252	67	185
	" "	Oct.	Clear	249	85	164
	" "	Nov.	Turbid	180	60	120
	" "	Dec.	Slightly turbid	275	88	187
	" "	Jan.	Clear	428	198	230
	" "	Feb.	Clear	310	90	220
	" "	Mar.	Turbid	289	52	237
	" "	April	Slightly turbid	258	56	202
	" "	June	Turbid	237	34	203

MUNICIPAL WATER

	Pump	Oct.	Clear	283	89	194
	"	Dec.	Slightly turbid	299	99	200
	"	Jan.	Slightly turbid	305	101	204
	"	Feb.	Slightly turbid	278	84	194
	"	Mar.	Turbid	299	90	209
	"	April	Slightly turbid	320	86	234
	"	May	Turbid	356	131	225
	"	June	Slightly turbid	282	85	197

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WATER SUPPLY.

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Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
23	.002	None	.012	.132	3	Blackens.
23	None	None	.012	.122	1	Slightly blackens.
24	.005	0.4	.016	.112	1	Blackens.
23	.005	0.3	.006	0.185	3	Blackens.
20	.003	None	.014	.072	2	Blackens.
16	.005	None	.024	.049	1	Blackens.
15	.002	0.48	.010	.062	2	Blackens.
22	.002	0.2	.016	.076	2	Blackens.
23	.001	0.1	.010	0.112	2	Blackens.
26	None	0.4	.024	.098	1	Slightly blackens.

SUPPLY.

40	.003	6.8	.004	.042	1	
21	Trace	None	.014	.038	1	Slightly blackens.
14	Trace	12	.008	.018	1	
19	Trace	4.0	.006	.022	0.5	
46	Trace	5	.006	.022	0.3	Slightly blackens.
42	Trace	.8	.016	.098	2	Slightly blackens.
41	Trace	5.0	.032	.044	0.3	Slightly blackens.
42	None	4.0	.012	.041	1	Slightly blackens.

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MUNICIPAL WATER

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Sump	Oct.	Clear	283	90	193
	"	Oct.	Clear	278	76	202
	"	Dec.	Slightly turbid	293	50	243
	"	Jan.	Slightly turbid	297	103	194
	"	Feb.	Slightly turbid	266	76	190
	"	Mar.	Slightly turbid	294	87	207
	"	April	Slightly turbid	308	76	232
	"	May	Slightly turbid	285	71	214
	"	June	Slightly turbid	274	69	205

MUNICIPAL WATER

	Tank	Oct.	Clear	285	80	205
	"	Oct.	Clear	295	102	193
	"	Dec.	Slightly turbid	293	81	212
	"	Jan.	Slightly turbid	302	113	189
	"	Feb.	Slightly turbid	296	94	202
	"	Mar.	Slightly turbid	303	112	191
	"	April	Slightly turbid	300	74	226
	"	May	Slightly turbid	293	84	209
	"	June	Slightly turbid	287	75	212

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SUPPLY.

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Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
40	None	6.8	.002	.026	1	
40	None	3	.008	.034	1	
21	Trace	.2	.012	.048	1	
16	Trace	None	.009	.015	0.4	
21	Trace	1.0	.008	.036	0.4	
22	Trace	7.0	.006	.022	0.4	Slightly blackens.
42	Trace	7.0	.008	.042	1	Blackens.
41	.001	5.0	.034	.050	0.3	Blackens slightly.
42	Trace	4.0	.016	.040	4	Blackens slightly.

SUPPLY.

41	.003	3	.012	.042	1	
40	None	6.8	.004	.026	1	
26	Trace	None	.018	0.170	5	Blackens.
16	.0009	14	.008	.019	0.5	
18	Trace	4.0	.016	.086	1.3	
44.	Trace	8.0	.004	.132	2	Blackens slightly.
42	Trace	7.0	.008	.080	1	Blackens.
42	.001	5.0	.038	0.152	2	Blackens.
41	Trace	5.0	.010	.045	1	Blackens.

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GOLDEN

CHILDREN'S

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Drinking Fountain	Feb.	Turbid	250	78	172
	" "	Mar.	Slightly turbid	184	28	156
	" "	April	Slightly turbid	219	68	151
	" "	May	Slightly turbid	227	61	166
	" "	June	Turbid	224	51	173

GOLDEN

	Kitchen	July	Turbid	190	60	130
	"	Aug.	Clear	182	44	138
	"	Sept.	Clear	371	142	229
	"	Sept.	Clear	174	48	126
	"	Oct.	Clear	218	54	164
	"	Nov.	Slightly turbid	436	172	264
	"	Dec.	Slightly turbid	370	43	327
	"	Jan.	Turbid	462	233	229
	"	Jan.	Turbid	247	65	182
	"	Feb.	Slightly turbid	285	89	196
	"	May	Turbid	225	62	163
	"	June	Turbid	215	44	171

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GATE PARK.

PLAYGROUND.

1,000,000.)

Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
34	.015	0.48	.005	0.136	2.7	Blackens slightly.
35	Trace	0.6	.012	.112	1	Blackens.
19	Trace	0.7	.010	.090	1	Blackens.
34	Trace	0.3	.014	.106	2	Blackens.
39	None	0.6	.010	.074	2	Blackens.

GATE PARK.

34	None	None	.010	.130	3	Blackens.
34	None	None	.002	.142	3	Blackens.
40	None	15	.002	.062	1	Blackens.
34	None	None	.006	.142	2	Blackens.
48	.001	None	.008	.132	2	Blackens.
20	None	2.	.014	0.110	3	
20	.001	9	.004	.026	1	
22	Trace	14	.010	.154	1.5	Slightly blackens.
24	.0005	None	.012	.114	2.1	Slightly blackens.
35	.015	0.72	.010	0.160	2.3	Slightly blackens.
34	None	0.5	.014	.122	2	Blackens.
28	Trace	0.4	.010	.066	1	Slightly blackens.

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GOLDEN

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Drinking Fountain	July	Clear	389	164	225
	" "	July	Turbid	185	47	138
	" "	Aug.	Clear	182	43	139
	" "	Sept.	Clear	165	46	119
	" "	Oct.	Clear	212	47	165
	" "	Nov.	Turbid	182	42	140
	" "	Dec.	Turbid	330	80	250
	" "	Jan.	Turbid	237	48	189

GOLDEN

	Lodge	July	Clear	364	150	214
	"	Aug.	Turbid	392	166	226
	"	Oct.	Turbid	384	142	242
	"	Nov.	Slightly turbid	226	66	160
	"	Dec.	Slightly turbid	462	165	297
	"	Jan.	Turbid	406	63	343
	"	Feb.	Turbid	443	201	242
	"	April	Slightly turbid	442	156	286
	"	May	Turbid	435	171	264
	"	June	Turbid	353	153	200

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GATE PARK

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Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
44	None	14	.002	.062	1	
34	None	None	.010	.132	3	Blackens.
34	None	None	.002	.122	3	Blackens.
34	None	None	.012	.116	2	Blackens.
43	.001	None	.002	.132	2	Blackens.
23	None	None	.006	0.110	3	Blackens.
16	.003	9	.002	.028	1	Blackens.
24	.0005	None	.012	.124	2.5	Slightly blackens.

GATE PARK.

42	.020	14	.012	.128	1	
42	.020	12	.002	.058	1	
40	.005	17.5	.012	.082	2	
23	.003	10	.006	.058	1	
19	Trace	9	.004	.034	1	
25	Trace	14	.024	.126	2	
25	Trace	14.4	.010	0.324	2.5	
44	.001	14.00	.012	.090	2	
46	None	7.0	.014	.058	1	Blackens.
46	.008	8.0	.010	.066	1	

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GOLDEN

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Beach Chalet	July	Clear	183	44	139
	" "	Aug.	Clear	177	34	143
	" "	Sept.	Clear	165	49	116
	" "	Oct.	Clear	212	47	165
	" "	Nov.	Slightly turbid	196	50	146
	" "	Dec.	Turbid	210	26	184
	" "	Jan.	Slightly turbid	234	55	159
	" "	Feb.	Slightly turbid	264	63	201
	" "	Mar.	Slightly turbid	200	35	165
	" "	May	Slightly turbid	190	63	127
	" "	June	Slightly turbid	238	44	194

GOLDEN

	Great Highway	Aug.	Clear	162	27	135
	" "	Sept.	Clear	145	47	98
	" "	Oct.	Clear	184	50	134
	" "	Nov.	Slightly turbid	179	62	117
	" "	Dec.	Slightly turbid	168	43	125
	" "	Jan.	Clear	224	62	162
	" "	Feb.	Turbid	221	69	155
	" "	Mar.	Clear	193	38	155
	" "	April	Slightly turbid	450	175	275
	" "	June	Slightly turbid	222	36	186

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GATE PARK

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Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
33	None	None	.002	.108	3	Blackens.
34	None	None	.002	.106	2	Blackens.
34	None	None	.010	.114	1	Blackens.
43	.001	None	.002	.116	2	Blackens.
19	None	None	.020	.076	2	Blackens.
19	None	None	.002	.072	2	Blackens.
25	Trace	None	.019	.078		Blackens.
36	.010	0.48	.005	0.112	2	Blackens.
38	Trace	0.5	.010	.074	1	Blackens.
33	None	0.3	.012	.108	2	Blackens.
28	None	0.4	.012	.068	1	Slightly blackens.

GATE PARK.

32	.001	None	.040	.088	2	Blackens.
32	.001	None	.030	.144	2	Blackens.
33	None	None	.022	.112	2	Blackens.
21	None	None	.024	.090	3	Blackens.
22	None	None	.052	.070	2	Slightly blackens.
18	Trace	None	.014	.076	2.3	Slightly blackens.
33	Trace	0.16	.028	.092	2.2	Slightly blackens.
39	Trace	None	.010	.076	2	Blackens.
49	.001	11.0	.010	.069	1	
28	0.160	0.4	.018	.056	1.0	Blackens.

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GOLDEN

(Parts per

Lab. No.	SOURCE	Date	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Pumping Station	July	Clear	409	142	267
	" "	Aug.	Clear	177	54	123
	" "	Sept.	Clear	382	180	202
	" "	Oct.	Clear	181	49	132
	" "	Mar.	Clear	465	42	423
	" "	April	Slightly turbid	466	174	292
	" "	May	Clear	436	181	255
	" "	June	Turbid	436	147	289

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GATE PARK

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Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
46	.002	14	.008	.038	1	
32	None	None	.040	.108	2	Blackens.
42	.002	15	.008	.058	1	
33	None	None	.028	.112	2	Blackens.
46	.001	10	.010	.064	0.3	Blackens.
45	.005	12.	.014	.051	1	
46	Trace	7.0	.016	.042	1	Darkens slightly.
51	.008	11.0	.014	.040	1	Slightly blackens.

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AVERAGE OF ALL THE SPRING VALLEY RESERVOIRS.

Average of 1275 Analyses.

RESERVOIR	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed
Potrero Heights Reservoir	261	76	185	22	.0012	.259	.019	.149	3
Clarendon Heights Reservoir	265	77	188	22	.0001	.422	.019	.079	2
Presidio Reservoir	272	78	194	22	.0001	.495	.024	.087	2
Clay Street Reservoir	275	79	196	24	.0005	.395	.016	.074	2
Lombard Street Reservoir	216	67	149	29	.0002	.177	.027	.130	3
Francisco Street Reservoir	258	79	179	24	.0007*	.384	.023	.123	2½
University Mound Reservoir	268	78	190	22	.0007	.419	.025	.103	2
South Lake Merced	271	75	196	58	.0019	.092	.039	.282	4
North Lake Merced	282	84	198	59	.0013	.052	.028	.306	5
Lake Honda	191	65	126	35	.0006	.079	.031	.180	3
Average for City Supply	255	75	180	31	.0007	.277	.025	.151	3

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POTRERO HEIGHTS RESERVOIR.

Averages for each month in year since 1909.

January	316	104	212	19	.0010	.681	.023	.102	2
February	234	75	159	19	.0020	.321	.017	.165	3
March	237	54	183	21	.0010	.289	.017	.137	2
April	233	66	167	19	.0020	.399	.016	.149	3
May	228	73	155	18	.0023	.226	.018	.133	3
June	249	68	181	19	.0006	.157	.022	.192	2
July	280	82	198	23	.0010	.076	.025	.197	3
August	265	92	173	24	.0005	.011	.016	.147	3
September	276	77	199	25	.0005	.097	.018	.180	3
October	262	87	175	24	.0013	.073	.017	.176	3
November	261	72	189	27	.0020	.277	.024	.200	3
December	275	75	200	23	.0030	.203	.013	.165	2
Average for Reservoir	261	76	185	22	.0012	.259	.019	.149	3

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CLARENDON HEIGHTS RESERVOIR.

Averages for each month in year since 1909.

MONTHS.	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed
January	299	89	210	18	.0000	.793	.019	.073	2
February	238	75	164	19	.0001	.484	.017	.092	2
March	176	64	112	19	.0001	.367	.016	.098	2
April	249	66	183	18	.0000	.450	.021	.074	2
May	235	69	166	21	.0000	.314	.022	.110	2
June	267	78	189	20	.0001	.236	.017	.070	2
July	280	88	192	22	.0004	.149	.020	.073	2
August	293	82	211	24	.0000	.234	.015	.054	2
September	267	84	183	24	.0002	.241	.015	.073	2
October	269	80	189	25	.0008	.338	.014	..069	2
November	292	84	208	26	.0003	.524	.027	.098	2
December	301	81	220	23	.0000	.514	.020	.078	2
Miscellaneous	259	69	190	22	.0001	.471	.019	.074	2
Miscellaneous	285	80	205	23	.0000	.803	.019	.083	2
Average for Reservoir	265	77	188	22	.0001	.422	.019	.079	2

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PRESIDIO RESERVOIR.

Averages for each month in year since 1909.

January	296	85	213	20	.0002	.645	.016	.076	2
February	241	79	162	22	.0001	.540	.062	.160	2
March	247	72	175	21	.0000	.614	.027	.083	2
April	248	61	187	19	.0005	.919	.031	.081	2
May	252	76	176	20	.0003	.548	.028	.084	2
June	264	77	187	21	.0003	.214	.026	.077	2
July	276	91	185	22	.0000	.180	.015	.100	2
August	292	82	210	24	.0000	.232	.019	.080	2
September	267	78	189	24	.0000	.308	.021	.082	2
October	269	77	192	26	.0004	.437	.015	.076	2
November	292	80	212	27	.0001	.458	.025	.099	2
December	324	94	230	24	.0000	.514	.012	.073	2
Miscellaneous	257	61	196	22	.0001	.513	.031	.079	2
Miscellaneous	287	74	213	23	.0000	.807	.018	.070	1
Average for Reservoir	**272**	**78**	**194**	**22**	**.00015**	**.495**	**.024**	**.087**	**2**

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CLAY STREET RESERVOIR.

Averages for each month in year since 1909.

MONTHS.	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed
January	285	91	219	21	.0000	.259	.021	.074	2
February	256	84	172	23	.0002	.357	.023	.082	2
March	286	69	217	27	.0030	.336	.016	.110	2
April	264	85	179	24	.0000	.500	.005	.066	2
May	281	84	197	26	.0000	.496	.015	.074	2
June	270	78	192	23	.0004	.490	.019	.065	2
July	261	64	197	21	.0014	.245	.007	.057	2
August	265	76	189	22	.0000	.328	.012	.065	2
September	272	87	185	23	.0000	.374	.010	.066	2
October	277	74	203	24	.0001	.465	.023	.080	2
November	288	78	210	25	.0002	.614	.019	.074	2
December	322	86	236	24	.0000	.254	.014	.080	2
Miscellaneous	270	77	193	25	.0007	.475	.020	.073	2
Miscellaneous	253	75	178	22	.0000	.334	.023	.070	2
Average for Reservoir	275	79	196	24	.0005	.395	.016	.074	2

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LOMBARD STREET RESERVOIR.

Averages for each month in the year since 1907.

January	**227**	**57**	**170**	**29**	**.0002**	**.128**	**.031**	**.108**	**2**
February	215	63	152	26	.0010	.058	.027	.135	3
March	189	59	130	28	.0000	.205	.021	.153	2
April	204	70	134	25	.0005	.170	.016	.114	3
May	217	64	153	29	.0000	.197	.021	.126	3
June	210	69	141	28	.0000	.092	.023	.151	3
July	222	76	146	29	.0000	.025	.032	.174	3
August	218	63	155	30	.0000	.082	.023	.118	2
September	224	73	151	33	.0000	.180	.019	.116	3
October	229	70	159	32	.0010	.140	.036	.108	3
November	229	74	155	36	.0001	.235	.041	.137	3
December	206	69	137	26	.0006	.281	.025	.110	2
Miscellaneous	209	60	149	30	.0001	.181	.024	.142	3
Miscellaneous	226	69	157	35	.0001	.302	.031	.133	2
Average for Reservoir	**216**	**67**	**149**	**29**	**.0002**	**.177**	**.027**	**.130**	**3**

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FRANCISCO STREET RESERVOIR.

Averages for each month in the year since 1907.

MONTHS.	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed
January	296	95	201	19	.0004	2.043	.030	.133	3
February	238	83	155	19	.0002	.346	.025	.140	2
March	236	72	164	20	.0070	.248	.029	.148	3
April	222	70	152	24	.0001	.233	.029	.129	3
May	248	79	167	26	.0001	.138	.027	.112	2
June	262	84	178	26	.0000	.005	.032	.159	3
July	247	76	171	27	.0000	.111	.015	.101	3
August	247	82	165	27	.0000	.155	.015	.099	2
September	264	74	190	28	.0006	.123	.014	.112	2
October	297	88	209	29	.0001	.377	.023	.128	2
November	303	81	222	25	.0002	.284	.016	.127	2
December	234	66	168	25	.0005	.268	.025	.128	3
Miscellaneous	286	82	204	28	.0002	.703	.019	.099	2
Average for Reservoir	258	79	179	24	.0007	.384	.023	.123	2½

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UNIVERSITY MOUND RESERVOIR.

Averages for each month in the year since 1907.

January	269	64	205	19	.0003	.953	.026	.087	2
February	234	75	159	19	.0007	.429	.018	.116	2
March	226	73	153	23	.0010	.271	.023	.124	2
April	245	71	174	19	.0001	.410	.018	.132	2
May	213	64	149	19	.0001	.276	.020	.127	2
June	264	76	188	19	.0000	.214	.018	.129	2
July	279	83	196	21	.0000	.125	.021	.114	2
August	287	91	196	25	.0015	.207	.014	.072	2
September	272	82	190	24	.0006	.291	.080	.083	2
October	297	90	207	26	.0030	.299	.024	.083	2
November	299	81	217	27	.0015	.512	.022	.098	2
December	322	93	229	25	.0010	.573	.028	.104	1
Miscellaneous Months	265	72	193	19	.0003	.472	.019	.102	2
Miscellaneous Months	289	67	222	23	.0001	.843	.019	.076	2
Average for Reservoir	268	78	190	22	.0007	.419	.025	.103	2

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NORTH LAKE MERCED.

Averages for each month in the year since 1907.

MONTHS.	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed
January	279	101	178	58	.0014	.033	.052	.329	4
February	287	84	203	52	.0020	.084	.025	.374	5
March	265	79	186	60	.0130	.027	.025	.316	5
April	277	84	193	57	.0013	.064	.016	.331	5
May	269	88	181	59	.0000	.054	.006	.303	5
June	281	89	192	61	.0000	.052	.022	.253	4
July	288	100	188	59	.0000	.019	.023	.265	5
August	282	81	201	60	.0001	.034	.020	.268	5
September	287	83	204	64	.0000	.058	.025	.239	4
October	293	78	215	62	.0004	.088	.055	.271	4
November	287	84	203	63	.0002	.059	.032	.335	5
December	280	74	206	58	.0001	.074	.017	.362	5
Miscellaneous Months	287	78	209	62	.0001	.029	.039	.318	5
Miscellaneous Months	283	76	207	62	.0000	.062	.031	.320	6
Average for Lake	282	84	198	59	.0013	.052	.028	.306	5

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SOUTH LAKE MERCED.

Averages for each month in the year since 1907.

January	283	71	213	56	.0010	.029	.042	.301	4
February	281	81	200	56	.0006	.219	.032	.297	3
March	255	75	180	58	.0140	.024	.077	.386	5
April	264	74	190	56	.0000	.092	.019	.334	5
May	244	72	172	59	.0001	.083	.020	.280	4
June	268	78	190	60	.0000	.060	.025	.196	4
July	275	81	177	59	.0000	.009	.028	.205	4
August	262	85	177	56	.0030	.448	.023	.254	4
September	272	73	199	59	.0002	.061	.031	.190	3
October	276	72	204	61	.0070	.048	.045	.271	4
November	278	77	201	60	.0006	.072	.046	.331	5
December	300	81	219	59	.0001	.014	.099	.332	3
Miscellaneous Months	257	66	191	59	.0009	.069	.033	.230	4
Miscellaneous Months	277	73	204	60	.0000	.056	.030	.341	4
Average for Lake	271	75	196	58	.0019	.092	.039	.282	4

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LAKE HONDA.

Averages for each month in the year since 1907.

MONTHS.	Total Solids	Loss on Ignition	Fixed Residue	Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed
January	186	62	124	31	.0020	.080	.052	.268	3
February	185	57	128	27	.0020	.129	.035	.157	3
March	198	65	133	30	.0002	.098	.023	.131	3
April	169	60	109	28	.0000	.101	.024	.166	3
May	179	57	122	34	.0004	.055	.021	.166	3
June	189	66	123	32	.0000	.032	.020	.134	3
July	184	77	107	29	.0000	.022	.029	.221	4
August	189	78	101	33	.0000	.034	.021	.156	3
September	195	66	129	38	.0002	.061	.023	.142	3
October	215	71	144	41	.0004	.086	.048	.282	3
November	202	68	134	38	.0007	.149	.047	.167	3
December	220	64	156	42	.0020	.077	.025	.203	3
Miscellaneous Months	191	61	129	38	.0006	.097	.045	.166	3
Miscellaneous Months	177	52	115	34	.0001	.086	.027	.165	3
Average for Lake	191	65	126	35	.0006	.079	.031	.180	3

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MUNICIPAL WATER SUPPLY.

Averages for years 1910-1911-1912.

1910	299	99	200	34	.0014	4.6	.015	.058	1
1911	313	97	216	39	.0020	4.0	.012	.052	1
1912	298	89	209	34	.0012	6.1	.009	.048	1
Average	303	95	208	35	.0012	4.9	.012	.053	1

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ANALYSES OF SPRING VALLEY WATER TAKEN

(Parts per

Lab. No.	SOURCE	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Relief Home	Turbid	236	43	193
	Relief Home	Turbid	243	75	168
	Relief Home	Turbid	242	69	173
	Relief Home	Turbid	254	79	175
	John Waller, 1400 Beech Street	Turbid	186	71	115
	Mr. Crawford	Clear	390	102	288
	Mr. Crawford	Clear	376	100	276
	J. W. Bloom	Clear	225	72	153
	J. W. Bloom	Turbid	232	93	140
	Dan Leddi, 2 Douglas	Slightly turbid	248	48	200
	H. H. Cuttler	Slightly turbid	291	93	198
	C. Uhl, 1244 6th Ave	Turbid	293	66	227
	Wolf Apartments, 525 O'Farrell	Clear	158	53	105
	Ida Stevens, 830 Turk Street	Clear	156	56	100
	Mrs. Hurse, 834 Turk Street	Clear	127	40	87
	Mrs. McKinnon, 518 Excelsior Ave	Turbid	245	72	173
	F. Gallisos, 940 Arkansas	Slightly turbid	141	75	66
	Mr. Linarberg, 438 Grove Street	Slightly turbid	131	80	51
	Mr. Baum, 485 Leavenworth	Turbid	273	89	184
	Mrs. Crowley, 1514 Buchanan Street	Turbid	191	49	142
	Mrs. Straus, 1739 Broadway Street	Slightly turbid	230	44	186
	Mrs. MacMillan, 64 Clayton Street	Turbid	204	66	138
	Mr. Zimmerman, 3017 Buchanan Street	Turbid	253	45	208
	Caesar Roth, 1612 Visitacion Street	Clear	248	77	171
	Schilling & Co., 2nd and Folsom Street	Turbid	246	86	160
	M. Bode, 640 Clayton Street	Slightly turbid	254	84	160
	Mrs. Stewart, 700 Eighth Ave	Turbid	251	48	203
	J. F. Volkmann, 2307 Broadway	Turbid	238	39	199
	C. U. Craig, 2424 Pierce Street	Turbid	233	41	192

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ON THE COMPLAINT OF PRIVATE INDIVIDUALS.

1,000,000.)

Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
58	Trace	Trace	.022	.258	5	Blackens.
52	Trace	None	.020	.222	5	Blackens.
56	Trace	None	.018	.246	4	Blackens.
56	Trace	.070	.016	.217	4	Blackens.
21	None	None	.022	.302	3	Blackens.
50	.012	10.5	.020	.120	2.0	No blackening.
47	.012	10.5	.020	.140	2.0	No blackening.
49	Trace	3.5	.006	.032	1	No blackening.
41	Trace	3.0	.006	.031	1	No blackening.
23	Trace	.600	.020	.073	1	No blackening.
42	Trace	4.30	.012	.030	1	No blackening.
20	Trace	6.000	.008	.056	1.2	No blackening.
20	.028	.120	.0145	.172	1.1	Blackens slightly.
21	.024	.120	.005	.140	1.5	Blackens slightly.
20	.024	.080	.003	.110	1.2	Blackens.
50	.016	.160	.035	.330	3.2	Blackens.
24	Trace	Trace	.006	.100	2	Blackens slightly.
23	Trace	Trace	.018	.104	2	Blackens slightly.
23	Trace	.400	.012	.060	1	Blackens.
34	Trace	None	.014	.128	2	Blackens.
23	.001	.400	.012	.080	1.5	Blackens.
33	Trace	.200	.012	.108	3	Blackens.
25	Trace	.300	.062	.110	2	Blackens.
25	.0005	10.00	.010	.110	2	Blackens slightly.
25	Trace	10.00	.020	.168	2	Blackens.
25	Trace	.400	.120	.200	2	Blackens.
33	.001	.300	.010	.094	1	Blackens.
27	.001	.500	.026	.210	1	Blackens.
27	Trace	.050	.018	.138	1	Blackens.

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ANALYSES OF SPRING VALLEY WATER TAKEN

(Parts per

Lab. No.	SOURCE	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	E. Pomeroy, 1488 Larkin Street	Turbid	185	53	132
	L. Katz, 1976 Green Street	Turbid	233	54	179
	Commissioner Murray	Clear	130	34	96
	W. H. Brain, 3605 Army Street	Clear	123	46	77
	Levi, Straus & Co., Valencia and 14th St	Clear	138	38	100
	Mrs. Shuttleworth, 48 Elgin Park	Clear	142	43	99
	Commercial High School	Clear	146	49	97
	S. B. Pettersen, 830 Turk Street	Clear	146	48	98
	Zenobia Apartments, 947 Bush Street	Clear	236	75	161
	Mrs. Edis, 2068 Market Street	Clear	143	42	101
	Judge Deasy, 955 Ashbury Street	Clear	298	80	218
	Mrs. Bernhardt, 3700 Twenty-third St	Clear	142	45	97
	Mrs. Bernhardt, 3700 Twenty-third St	Turbid	146	51	95
	Inspector Butler	Slightly turbid	1476	515	961
	K. Lahdi, 1727 Fulton Street	Slightly turbid	304	130	174
	Mrs. S. Miller, 6 Fell Street	Slightly turbid	312	82	230
	Mrs. Golma, 436 Natoma Street	Slightly turbid	335	111	224
	A. Waara, 73 Mansfield Street	Slightly turbid	462	255	207
	Mrs. Hennessey	Turbid	226	125	101
	74 Portola Street	Turbid	148	39	109

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ON THE COMPLAINT OF PRIVATE INDIVIDUALS—Continued

1,000,000.)

Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
21	.000	.500	.008	.096	1	Blackens slightly.
30	.003	.300	.022	.192	3	Blackens.
19	.000	.000	.012	.058	1	No blackening.
20	.000	.000	.004	.142	2	Blackens.
22	.000	.000	.012	.142	3	Blackens.
21	.000	.000	.016	.112	3	Blackens.
22	.000	.000	.012	.112	2	Blackens.
22	.000	.000	.012	.106	4	Blackens.
29	.000	.010	.012	.102	3	Blackens.
21	.000	.000	.006	.148	2	Blackens.
23	.000	.640	.002	.112	2	No blackening.
22	.000	.000	.002	.142	2	Blackens.
16	.0005	.300	.006	.158	3	Blackens.
270	.004	10.000	.018	.076	3	No blackening.
15	.005	15.000	.008	.034	1	No blackening.
12	Trace	None	.008	.038	2	Slightly blackens.
20	None	None	.022	.048	1.4	Slightly blackens.
23	.004	22.000	.038	.054	2	None.
21	Trace	.500	.010	.395	5	Slightly blackens.
17	Trace	.160	.008	.156	2	Blackens.

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ANALYSES OF WELL WATERS ON

(Parts per

Lab. No.	SOURCE	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	Koch, 204 Knox Street	Clear	357	176	181
	John McFarland, 2028 Barrows Street	Turbid	344	228	116
	John London, 192 Knox Street	Turbid	278	152	126
	A. Jalo, 79 Mansfield Street	Turbid	662	229	433
	K. Tahdi, 1727 Folsom Street	Turbid	268	101	167
	Herman Erbing, 81 Mansfield	Turbid	398	114	284
	A. Waller, 73 Mansfield Street	Slightly turbid	484	288	196
	H. Everding, 81 Barrow Street	Turbid	351	146	204
	R. Tahidi, 1727 Folsom Street	Slightly turbid	305	178	127
	Mrs. Turay, 30th and Fulton Street	Turbid	264	64	200
	Mr. A. Nathanson, 1624 48th Ave	Clear	164	34	140
	Mr. Dam, Metropolis Bank Bldg	Clear	287	....	.....
	Mr. Dam, Metropolis Bank Bldg	Clear	345	....	.....
	Mr. Dam, Metropolis Bank Bldg	Clear	356	....	.....
	San Francisco Nursery	Clear	220	80	140
	Mrs. Bud, 261 Bush Street				
	Mrs. O. H. Daggy, 545 O'Farrell Street	Clear	233	49	184
	Mrs. Wright, 640 Turk Street	Clear	209	53	162
	Six-Mile House	Clear	271	68	203
	Dr. P. Payne, 146 Grant Ave	Clear	7436	1861	5176
	A. Waara, 73 Mansfield Street	Turbid	503	276	227
	Steiner's Dairy, San Bruno Road	Turbid	601	602	399
	A. Louquet, 112 Leland Ave	Turbid	362	152	210
	Dr. Jones, Butler Bldg	Clear	840	378	462
	M. Nunez, Mayfield	Turbid	464	62	402
	M. Mathieu, 137 Alita Ave	Clear	239	91	140
	Hildebrandt, 125 Campbell Ave	Clear	312	85	227
	Hildebrandt, 125 Campbell Ave	Clear	312	83	229

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SAN FRANCISCO PROPERTIES

1,000,000.)

Chlorine	Nitrogen as Nitrites	Nitrogen as Nitrates	Nitrogen as Free Ammonia	Nitrogen as Albuminoid Ammonia	Oxygen Consumed	REMARKS.
21	.010	None	.008	.078	5.8	Blackens slightly.
19	.090	17.00	.001	.048	1.3	No blackening.
21	.002	15.00	.010	.048	1.9	No blackening.
24	.009	10.00	.012	.080	1.4	No blackening.
17	.009	10.00	.010	.034	0.7	No blackening.
22	.006	17.00	.016	.072	1.5	No blackening.
25	.007	18.00	.034	.058	3	No blackening.
15	.005	12.00	.010	.090	1	No blackening.
19	.005	2.0	.008	.042	1	No blackening.
60	.002	None	.008	.098	2	No blackening.
28	.005	9.00	.012	.030	1	No blackening.
....	.....	.....	.....	.....		Trace of Litherine.
....	.....	.....	.....	.....		Trace of Iron.
....	.....	.....	.....	.....		Contains Magnesium.
21	None	None	.302	.102	1	No blackening.
						Excess of Algae.
26	.001	4.00	.004	.112	2	Blackens.
27	.002	.200	.006	.096	2	Blackens.
40	None	3.00	.012	.032	1	No blackening.
225	None	None	4.76	.620	6.9	Blackening.
21	.010	16.00	.020	.042	.9	No blackening.
117	.001	.300	.018	.064	1	Blackens slightly.
44	.001	.400	.008	.036	1	Blackens.
162	Trace	0.60	.060	.254	1	Blackens.
53	.015	.200	.256	.184	1	Blackens.
48	.100	4.50	.010	.028	1	None.
38	Trace	.500	.014	.026	1	None.
40	Trace	3.500	.010	.026	.5	None.

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ANALYSES OF WELL WATERS ON

(Parts per

Lab. No.	SOURCE	Clear or Turbid	Total Solids	Loss on Ignition	Fixed Residue
	F. Guttler, 450 Wilder Ave	Turbid	835	157	678
	A. Stinenir, Gottinger and San Bruno	Turbid	528	199	329
	A. Stinenir, Gottinger and San Bruno	Clear	528	192	336
	J. W. Bloom, Ocean View Park	Slightly turbid	234	83	151
	B. Robertson, 1840 Howard Street	Turbid	376	92	28a
	J. Knight, 1720 Dolores Street	Turbid	441	201	240
	F. Guttner, 450 Wilder Street	Slightly turbid	832	358	474
	A. Stinenir, Gottinger and San Bruno	Turbid	574	227	347
	Dr. Eaton, Gunst Bldg	Turbid	314	66	248
	D. Robertson, 1840 Howard Street	Turbid	446	136	310
	M. Neilson, 130 Knox Street	Turbid	252	47	205
	A. Boehn, 132 Knox Street	Turbid	697	295	402

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FRANCISCO PROPERTIES—Continued

1,000,000.)

Chlorine	Nitrogen as				Oxygen Consumed	REMARKS.
	Nitrites	Nitrates	Free Ammonia	Albuminoid Ammonia		
186	Trace	8.000	.012	.026	2	None.
70	Trace	6.00	.012	.034	1	None.
72	Trace	10.00	.012	.034	1	None.
42	Trace	5.00	.006	.042	1	None.
76	.017	.040	.550	.100	1.9	Blackens.
68	.005	.305	.028	.326	8	Blackens.
192	Trace	6.000	.008	.030	1	No blackening.
80	Trace	11.00	.008	.040	1	No blackening.
17	.016	11.40	.110	0.235	6	Blackens.
38	.030	4.00	.674	.046	1	Blackens.
20	.002	13.0	.014	.026	1.5	No blackening.
35	.020	30.0	.042	.074	1.4	Blackens slightly.

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The total number of milk samples examined chemically was 5,446. Of these the

MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	JULY, 1911—		
23	G. Hirt, 1715 Eddy Street	Depot	Lydon
37	G. Hirt, 1715 Eddy Street	Depot	Murphy
30	G. Hirt, 1715 Eddy Street	Depot	Lydon
26	G. Hirt, 1715 Eddy Street	Depot	Murphy
12	C. Evans, 136 Hartford Street	Wagon	Lydon
17	C. Hirt, 1715 Eddy Street	Wagon	Murphy
15	J. Charlton, 2733 Golden Gate	Wagon	Lydon
79	Vantour, Agnews	Shipper	O'Connor
83	V. Sartori, Bonita	Shipper	Lendrum
174	M. J. D. Dolpenbrocks, Landing	Shipper	O'Connor
175	Lopez, Mt. View	Shipper	Murphy
180	J. Castro, Haywards	Shipper	L. L. M. O'C. R.
183	M. F. Parto, Christee	Shipper	Lendrum
186	M. S. Brazil, Vallejo	Shipper	L. L. M. O'C. R.
188	S. Lombardi, San Bruno	Shipper	Lydon
191	J. Fernandez, Vallejo	Shipper	L. L. M. O'C. R.
193	M. Fagundes, San Rafael	Shipper	Lydon
194	Mini, Vallejo	Shipper	Lydon
195	Vantum, Agnews	Shipper	O'Connor
196	Pacheco, Vallejo	Shipper	Murphy
197	A. Azevedo, Novato	Shipper	L. L. M. O'C. R.
198	M. S. Soares, Ignacio	Shipper	Murphy
201	K. I. Brazil, Ignacio	Shipper	Lendrum
202	K. I. Brazil, Ignacio	Shipper	O'Connor
204	J. S. Cardoza, San Rafael	Shipper	Lydon
207	A. Thomas, Millers	Shipper	O'Connor
208	A. Machado, Alto	Shipper	L. L. M. O'C. R.
211	A. Thomas, Millers	Shipper	Lendrum
217	J. S. Brazil, Ignacio	Shipper	Lendrum
220	McLellan & Guthrey	Shipper	L. L. M. O'C. R.
224	M. Rogers, San Clemente	Shipper	Murphy
226	J. Verissimo, Novato	Shipper	O'Connor
242	C. Mason, Cordelia	Shipper	Lendrum
257	J. Bernardo, Mt. View	Shipper	Lydon
281	Lopez, Mt. View	Shipper	Murphy
297	S. Lombardi, San Bruno	Shipper	O'Connor
310	D. Ekehardt, 776 Haight Street	Wagon	Murphy
314	J. Mondott, 160 Shotwell Street	Wagon	Lydon
315	J. Mondott, 160 Shotwell Street	Wagon	Lydon
325	Fuller Bros., 2045 Fifteenth Street	Wagon	Murphy
338	J. Mondott & Co., 160 Shotwell	Wagon	O'Connor
347	Central M. Co., 21st and Folsom	Wagon	Lendrum
352	B. Epp, 71 Twenty-eighth	Wagon	O'Connor
354	G. Hirt, 1715 Eddy Street	Wagon	Lendrum
128	Annixter & Sons, 1416 Divisadero	Wagon	Lydon & Murphy
132	Loustalot & Co., 654 Fulton Street	Wagon	Lydon & Murphy

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following showed infractions of the law.

STANDARD.

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
39.0	3.3	11.8	7.48	.1	.72	Water 10%	Arrested.
40.2	3.2	11.07	8.08	.4	.43	Water 8%	Arrested.
40.3	3.0	11.09	8.09	.4	.41	Water 8%	Arrested.
39.	3.3	11.08	7.78	.1	.72	Water 10%	Arrested.
42.4	3.1	11.90	8.80	.3		.....	Arrested.
39.3	2.8	10.68	7.88	.6	.62	Water 10%	Arrested.
42.4	3.1	12.02	8.92	.3		.....	Arrested.
39.5	3.1	11.00	7.9	.3	.60	Water 10%	Arrested.
42.1	3.0	11.71	8.71	.4		.....	Arrested.
42.6	2.9	11.97	9.07	.5		.....	Arrested.
40.6	3.1	11.30	8.20	.3	.30	Water (!)	Arrested.
40.7	3.3	.....	.....	....	.1	.....	.....
41.4	3.2	11.70	8.50	.2	....	.....	Arrested.
41.6	3.3	.....	.....	....	.1	.....	.....
41.5	3.0	11.60	8.60	.4	....	.....	Arrested.
42.2	3.3	.....	.....	....	.1	.....	.....
41.2	2.9	11.64	8.74	.5	....	.....	Arrested.
39.6	3.0	11.24	8.24	.4	.26	Water 10%	Arrested.
38.7	3.5	11.27	7.77	....	.73	Water 12%	Arrested.
41.7	3.2	11.87	8.67	.2	....	.....	Arrested.
41.4	3.3	.....	.....	.1	....	.....	.....
40.9	3.0	11.60	8.60	.4	....	.....	Arrested.
41.8	3.0	11.70	8.70	.4	....	.....	Arrested.
41.3	3.2	11.83	8.63	.2	....	.....	Arrested.
41.8	3.2	12.08	8.88	.2	....	.....	Arrested.
41.3	3.0	11.61	8.61	.4	....	.....	Arrested.
41.6	3.3	.....	.....	.1	....	.....	.....
40.9	2.7	11.27	8.7	.7	....	.....	Arrested.
41.8	3.0	11.82	8.82	.4	....	.....	Arrested.
42.6	3.3	.....	.....	.1	....	.....	.....
40.5	3.1	11.36	8.26	.3	....	.....	Arrested.
40.1	3.2	11.47	8.27	.2	.23	Water (!)	Arrested.
39.3	3.3	11.34	8.04	.1	.16	Water 10%	Arrested.
39.6	3.1	11.46	8.36	.3	.14	Water 10%	Arrested.
41.4	3.2	11.59	8.39	.2	.21	.....	Arrested.
42.5	3.2	11.80	8.60	.2	....	.....	Arrested.
39.6	3.6	11.59	7.99	....	.51	Water 10%	Arrested.
38.2	3.5	11.02	7.52	....	.98	Water 12%	Arrested.
38.2	3.5	11.04	7.54	....	.96	Water 12%	Arrested.
39.2	3.5	11.43	7.53	....	.57	Water 10%	Arrested.
38.7	3.7	11.48	7.78	....	.82	Water 12%	Arrested.
39.1	3.3	11.38	8.03	....	.47	Water 10%	Arrested.
40.3	2.2	10.53	8.33	1.2	.17	Water (!)	Arrested.
40.2	3.1	11.48	8.38	.3	.12	Water (!)	Arrested.
41.4	3.3	.....	.....	.1	....	.....	.....
41.1	3.3	.....	.....	.1	....	.....	.....

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MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	AUGUST, 1911—		
379	J. Mondott, 160 Shotwell Street	Wagon	Lydon & Murphy
380	J. Mondott, 160 Shotwell Street	Wagon	Lydon & Murphy
383	J. Mulvihill, 242 Chattanooga Street	Wagon	Lydon & Murphy
	SEPTEMBER, 1911—		
526	Witt Bros., Colma	Wagon	Lydon & Murphy
539	J. A. Christen	Wagon	Murphy
556	H. Becum, 156 Prospect Ave	Wagon	O'C. & S
559	J. Buhle, Woolsey & University	Wagon	O'C. & S
563	Christen & Sons, 1427 Valencia	Wagon	O'Connor
586	J. M. Porto, Christie	Shipper	L. M. O'C. M. S
596	M. S. Brazil, Vallejo	Shipper	L. M. O'C. M. S
601	M. O. Lewis & Co., Manzanita	Shipper	L. M. O'C. M. S
606	M. Fungundez, San Rafael	Shipper	L. M. O'C. M. S
609	J. I. Brazil, Hilarita	Shipper	L. M. O'C. M. S
613	Pacheco, Vallejo	Shipper	L. M. O'C. M. S
617	I. Sartori, Black Point	Shipper	L. M. O'C. M. S
620	A. M. DeGorba, Gallinas	Shipper	L. M. O'C. M. S
633	M. P. Avilla, Burdell	Shipper	L. M. O'C. M. S
638	J. M. Bello, Alto	Shipper	L. M. O'C. M. S
647	C. Mason, Cordelia	Shipper	L. M. O'C. M. S
648	A. F. Mattos, Cordelia	Shipper	L. M. O'C. M. S
651	D. O. Mills, Millbrae	Shipper	Silvera
653	J. S. Bernardo, Mt. View	Shipper	Murphy
654	J. S. Bernardo, Mt. View	Shipper	Murphy
673	M. V. R., San Mateo	Shipper	O'C. & M
675	S. Lombardi, San Bruno	Shipper	O'C. & M
676	S. Lombardi, San Bruno	Shipper	Murphy
687	G. R. Sneath, San Bruno	Shipper	O'Connor
796	I. Pacheco, Mt. View	Shipper	L. M. O'C
797	I. Pacheco, Mt. View	Shipper	L. M. O'C
820	S. Lombardi, San Bruno	Shipper	L. M. O'C
821	S. Lombardi, San Bruno	Shipper	L. M. O'C
	OCTOBER, 1911—		
831	Torre Bros., 655 Green	Wagon	O'C. & W
832	La Brucherier & Co., 1274 Hampshire	Wagon	O'C. & W
843	Buhle & Co., Woolsey and University	Wagon	O'Connor
847	Christen & Sons, 1427 Valencia	Wagon	O'Connor
854	J. Buhle, University and Woolsey	Wagon	Lyd. & M.
965	R. Martinelli, Sears Point	Shipper	L. M. O'C. & S
1016	McCormick & Rectier, Suisun	Shipper	L. M. O'C. & S
1020	A. I. Maltos, Cordelia	Shipper	L. M. O'C. & S
985	J. Mulvihull, 242 Chattanooga	Wagon	Lydon & Murphy

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STANDARD.—Cont'd.

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
35.4	3.0	9.49	6.49	.4	2.01	Water 21%	Arrested.
35.2	2.7	9.27	6.57	.7	1.93	Water 21%	Arrested.
41.5	2.8	11.24	8.44	.6	.06	.....	Arrested.
42.6	3.3	.....	.....	.1	....	.....	.....
41.1	3.0	11.30	8.30	.4	....	.....	Arrested.
41.2	3.3	.....	.....	.1	....	.....	.....
43.1	3.3	.....	.....	.1	....	.....	.....
41.0	2.7	11.09	8.39	.7	....	.....	Arrested.
41.5	3.2	11.99	8.79	.2	....	.....	.....
40.7	3.3	.....	.....	.1	....	.....	.....
42.6	3.3	.....	.....	.1	....	.....	.....
41.6	3.1	11.84	8.74	.3	....	.....	Arrested.
41.8	3.3	.....	.....	.1	....	.....	.....
42.4	3.3	.....	.....	.1	....	.....	.....
40.6	3.3	.....	.....	.1	....	.....	.....
42.1	3.3	.....	.....	.1	....	.....	.....
40.2	3.3	.....	.....	.1	....	.....	.....
42.2	3.3	.....	.....	.1	....	.....	.....
39.4	3.3	.....	.....	.1	....	.....	.....
41.5	3.3	.....	.....	.1	....	.....	.....
39.8	3.6	11.87	8.27	....	.23	Water 8%	Arrested.
39.3	3.1	11.29	8.19	.3	.31	Water 10%	Arrested.
39.1	3.1	11.35	8.25	.3	.25	Water 10%	Arrested.
40.2	3.3	.....	.....	.1	....	.....	.....
40.6	3.3	.....	.....	.1	....	.....	.....
40.7	3.1	11.76	8.66	.3	....	.....	Arrested.
39.7	3.3	11.69	8.39	.1	.11	Water 8%	Arrested.
40.6	3.1	11.62	8.52	.3	....	.....	Arrested.
40.4	3.3	11.88	8.58	.1	....	.....	.....
41.7	3.3	.....	.....	.1	....	.....	.....
41.7	3.3	.....	.....	.1	....	.....	.....
42.4	3.3	.....	.....	.1	....	.....	.....
40.4	3.3	.....	.....	.1	....	.....	.....
42.7	3.1	12.27	9.17	.3	....	.....	Arrested.
42.4	3.1	11.98	8.88	.3	....	.....	Arrested.
40.7	3.3	.....	.....	.1	....	.....	.....
42.2	3.1	11.91	8.81	.3	....	.....	Arrested.
42.4	3.1	12.13	9.03	.3	....	.....	Arrested.
42.0	3.3	.....	.....	.1	....	.....	.....
41.4	2.3	10.78	8.48	1.1	....	.....	Arrested.

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MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	NOVEMBER, 1911—		
1412	S. Lombardi, San Bruno	5 Insp.	
1431	M. S. Soares, Ignacio	5 Insp.	
1455	J. Bernardo, Reeds	5 Insp.	
1470	M. Silveria, Manzanita	5 Insp.	
1474	A. U. Haley, Newark	5 Insp.	
1408	J. V. Silva, Purissimo	5 Insp.	
1491	M. V. Borba, San Bruno	L. M. & O'C.	
1505	J. Maderios, Menlo	L. M. & O'C.	
1506	J. Maderios, Menlo	L. M. & O'C.	
1555	Local Labrucherie Co.	L. M. & O'C.	
1556	Local Labrucherie Co.	L. M. & O'C.	
1627	J. Hoffman, 9 Taylor St.	Restaurant	Lydon
1634	M. Breuss, 8 Turk	Restaurant	Lydon
1636	C. Serantedes, 156 Eddy		Murphy
1640	J. Mulvihull, 242 Chattanooga	Restaurant	Lydon (Wagon)
1648	G. Chanzos, 111 O'Farrell	Restaurant	Murphy
1651	Peter J. Preovalas, 20 Eighth		Silvera
1653	J. Vialicks, 8 Sixth Street		Silvera
1654	John Kalvarin, 26 Sixth Street		Mackey
1657	C. M. Heiwald, 915 Market		Mackey
1661	G. Argero, 54 East Street		Silvera
1666	H. Larson, 24 First Street		Mackey
1668	Wm. H. Powers, 686 Mission		Mackey
1673	Beth's Cafe, 9 Ellis	Restaurant	L. & M.
1674	Heidelberg Inn, 35 Ellis	Restaurant	L. & M.
1705	H. C. Wright, 142 Sixth Ave.	Restaurant	Silvera
1680	Swans' Inn, 45 O'Farrell	Restaurant	Lydon
1684	N. Roman, 227 O'Farrell	Restaurant	Lydon
1687	Clainly & Nichols, & Buchol		L. & M.
1694	Terenich Bros., 1876 Market	Restaurant	Murphy
1696	H. L. Dexgen, 97 Market		Silvera
	DECEMBER, 1911—		
1725	Labrucherie & Co., 1274 Hampshire Street	Wagon	Lydon & Murphy
1735	J. Mulvihull, 242 Chattanooga	Wagon	Lydon & Murphy
1740	E. Albert, 1954 Union	Wagon	Lydon & Murphy
1744	E. Kaelin, 1696 Union	Wagon	Lydon & Murphy
1761	New Washington Hotel	Restaurant	O'Connor
1762	J. Kuker, 461 Fourth Street	Restaurant	Silvera
1763	Western Hotel, 218 Fourth Street	Restaurant	O'Connor
1757	Gottlieb, Oberlarder, 440 O'Farrell	Restaurant	Lydon
1768	Hale Bros., 6th and Market	Restaurant	Silvera
1778	Annixter & Sons, 1416 Divisadero	Restaurant	O'C. & S.
1780	A. Bierman, 1526 Sutter	Restaurant	Lydon & Murphy
1789	Mrs. Moore, 1304 Franklin	Restaurant	Lydon & Murphy
1784	Gales & Christakes, 607 Larkin	Restaurant	Lydon & Murphy
1786	M. M. McDonald, 678 Eddy Street	Restaurant	Lydon & Murphy

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STANDARD.—Cont'd.

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
42.8	3.3	.....	.....	.1	....	.....	.....
42.5	3.3	.....	.....	.1	....	.....	.....
41.8	3.3	.....	.....	.1	....	.....	.....
43.0	3.3	.....	.....	.1	....	.....	.....
43.5	2.5	11.87	9.37	.9	....	.....	Arrested.
41.6	2.5	11.30	8.80	.9	....	.....	Arrested.
41.5	2.8	12.58	8.79	....	....	.....	Arrested.
38.0	2.4	10.99	7.59	....	.91	Water 15%	Arrested.
39.4	3.2	10.46	7.26	....	1.24	Water 8%	Arrested.
42.2	3.2	12.38	9.18	....	....	.....	Arrested.
42.0	3.2	12.26	9.06	....	....	.....	Arrested.
42.2	3.0	11.57	8.57	.4	....	.....	Arrested.
39.4	3.7	11.33	7.63	....	.97	Water 8%	Arrested.
40.5	1.5	9.55	8.05	1.9	....	.....	Arrested.
40.6	1.7	9.85	8.15	1.7	....	.....	Arrested.
43.8	2.5	11.70	9.20	.9	....	.....	Arrested.
36.8	2.7	9.47	6.77	.7	1.73	Water 18%	Arrested.
38.4	2.8	9.63	6.83	.4	1.67	Water 12%	Arrested.
36.6	2.7	9.38	6.68	.7	1.82	Water 18%	Arrested.
43.0	2.3	11.38	9.08	1.1	....	.....	Arrested.
38.9	3.1	10.75	7.65	.3	.95	Water 10%	Arrested.
40.5	2.7	11.13	8.43	.7	....	.....	Arrested.
40.9	2.7	10.91	8.21	.7	....	.....	Arrested.
42.8	3.3	.....	.....	.1	....	.....	.....
42.4	2.9	11.59	8.69	.5	....	.....	Arrested.
45.0	3.1	11.79	8.69	.3	....	.....	Arrested.
42.6	3.0	11.09	8.69	.4	....	.....	Arrested.
42.0	3.1	11.83	8.74	.3	....	.....	Arrested.
41.2	3.3	.....	.....	.1	....	.....	.....
37.5	3.1	10.16	7.06	.3	1.44	Water 15%	Arrested.
43.4	2.6	11.49	8.89	.8	....	.....	Arrested.
41.8	3.3	.....	.....	.1	....	.....	No form'hyde present
43.1	2.4	11.22	8.82	.8	....	.....	Arrested.
42.3	3.3	.....	.....	.1	....	.....	Arrested.
39.7	3.3	11.00	7.70	.1	.80	Water 8%	Arrested.
43.5	2.0	11.07	9.67	1.4	....	.....	Arrested.
43.6	2.5	11.53	9.03	.9	....	.....	Arrested.
42.7	1.8	10.32	8.52	1.6	....	.....	Arrested.
43.6	3.1	11.97	8.87	.3	....	.....	Arrested.
44.5	2.9	12.29	9.39	.5	....	.....	Arrested.
43.2	3.1	12.25	9.15	.3	....	.....	Arrested.
43.8	2.4	11.79	9.39	.8	....	.....	Arrested.
43.7	1.7	10.99	9.29	1.7	....	.....	Arrested.
42.7	3.1	11.82	8.72	.3	....	.....	Arrested.
42.6	3.0	11.74	8.74	.4	....	.....	Arrested.

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MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	DECEMBER, 1911.—Cont'd.		
1781	D. A. Miller, 312 Eddy Street	Restaurant	Lydon & Murphy
1787	G. Schule, Ellis and Van Ness Ave	Restaurant	Lydon & Murphy
1799	L. Sefakes, 216 Third	Restaurant	Silvera
1802	Miss Beack	Restaurant	O'Connor
1810	M. K. Antone, 711 Third	Restaurant	Silvera
1815	G. Masters, 53 Third Street	Restaurant	O'Connor
1822	E. M. Egglund, 14 Fourth Street	Restaurant	O'Connor
1831	M. Sanlovich, 253 East	Restaurant	Murphy
1833	Catechi Bros., 105 East	Restaurant	Lydon
1841	Kilborn & Hayden, 24 Market	Restaurant	Murphy
1842	O. Parentes, 11 Jackson	Restaurant	Lydon
1843	M. Antiovevich Co., 447 Washington	Restaurant	Lydon
1861	Radovan & Yerkovich, 430 Kearny	Restaurant	Murphy
1868	G. Mostahinich, 160 Columbus Ave	Restaurant	Lydon
1872	Mrs. C. Moody, 747 Market	Restaurant	Silvera
1873	Same	Restaurant	O'Connor
1875	A. Chielmetti, 507 Market	Restaurant	Silvera
1885	A. P. Anderson, 505 Valencia	Restaurant	O'Connor
1886	W. Blunder, 510 Valencia	Restaurant	Silvera
1887	C. Bacon, 1603 Market	Restaurant	O'Connor
1898	J. Mirkovitch, 548 Haight	Restaurant	Lydon
1904	M. Mayerizo, 582 Haight	Restaurant	Murphy
1908	M. Kostoff Co., 2954 Sixteenth Ave	Restaurant	O'Connor
1913	Mrs. A. Douglass & Co., 2156 Mission	Restaurant	Silvera
1915	G. Borros, 2351 Mission	Restaurant	O'Connor
1917	Noones & Prindale, 2525 Mission	Restaurant	Silvera
1921	F. Berlin, 2859 Mission	Restaurant	O'Connor
1922	N. Krestovich, 3003 Mission	Restaurant	Silvera
1925	C. K. Schilling, 3312 Mission	Restaurant	O'Connor
1931	Mrs. Soller, 605 Montgomery	Restaurant	Lydon
1933	C. Mayes Co., 1179 Polk	Restaurant	Murphy
1935	C. Brown, 1399 Polk	Restaurant	Lydon
1937	J. Hersey, 1509 Polk	Restaurant	Murphy
1940	S. Kurtovich, 1803 Polk	Restaurant	Lydon
1945	Heart, G., 3194 Twenty-second Street	Restaurant	Silvera
1947	J. Anderson, 3234 Twenty-second Street	Restaurant	O'Connor
1948	J. K. Thomas, 3275 Twenty-second Street	Restaurant	Silvera
1949	Mrs. F. Sparks, 1301 Valencia	Restaurant	O'Connor
1956	J. Sambrailo, 2517 Twenty-fourth Street	Restaurant	Silvera
1959	J. A. Nelson, 472 Castro Street	Restaurant	O'Connor
2047	C. T. Bianchi, Goodyear	Shipper	Murphy
2092	F. Seamas, 763 McAllister	Shipper	Lydon

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STANDARD.—Cont'd.

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
41.8	3.1	11.08	8.98	1.3	....	.....	Arrested.
42.6	2.8	11.66	8.86	.6	....	.....	Arrested.
41.7	3.0	11.86	8.86	.4	....	.....	Arrested.
42.4	3.2	12.15	8.95	.2	....	.....	Arrested.
42.1	3.1	12.01	8.91	.3	....	.....	Arrested.
42.2	3.2	12.02	8.82	.2	....	.....	Arrested.
43.3	1.7	10.65	8.96	1.7	....	.....	Arrested.
36.7	2.7	9.32	6.62	.7	1.88	Water 17%	Arrested.
38.7	2.7	9.88	7.16	.7	1.32	Water 11%	Arrested.
42.3	2.2	10.78	8.58	1.2	....	.....	Arrested.
42.6	1.9	10.90	9.00	1.5	....	.....	Arrested.
42.2	3.0	11.47	8.47	.4	....	.....	Arrested.
42.0	3.1	12.22	9.12	.3	....	.....	Arrested.
40.7	3.0	11.57	9.57	.4	....	.....	Arrested.
41.0	3.0	12.07	9.07	.4	....	.....	Arrested.
43.0	2.2	11.46	9.26	1.2	....	.....	Arrested.
37.5	3.0	10.33	7.33	.4	1.17	Water 15%	Arrested.
41.1	2.6	11.42	8.82	.8	....	.....	Arrested.
42.8	1.6	11.38	9.78	1.8	....	.....	Arrested.
41.0	3.2	12.05	8.85	.3	....	.....	Arrested.
42.3	3.1	12.23	9.13	.3	....	.....	Arrested.
42.3	3.1	12.18	9.08	.3	....	.....	Arrested.
43.1	3.2	12.37	9.17	.2	....	.....	Arrested.
43.9	3.1	11.98	8.88	.3	....	.....	Arrested.
36.8	2.8	9.73	6.93	.6	1.57	Water 17%	Arrested.
43.4	3.1	12.05	8.95	.3	....	.....	Arrested.
42.4	3.2	12.10	8.90	.2	....	.....	Arrested.
42.5	3.1	12.37	9.27	.3	....	.....	Arrested.
41.2	3.2	11.82	8.62	.2	....	.....	Arrested.
43.2	2.4	11.19	8.79	.8	....	.....	Arrested.
43.7	3.0	12.02	9.02	.4	....	.....	Arrested.
44.0	3.1	12.25	9.15	.3	....	.....	Arrested.
44.7	2.9	11.93	9.03	.5	....	.....	Arrested.
42.3	3.2	12.04	8.84	.2	....	.....	Arrested.
41.9	2.9	11.58	8.65	.5	....	.....	Arrested.
42.5	2.6	12.05	9.45	.8	....	.....	Arrested.
42.2	2.5	11.21	8.71	.9	....	.....	Arrested.
42.0	3.0	11.78	8.78	.4	....	.....	Arrested.
41.7	3.2	11.82	8.62	.2	....	.....	Arrested.
41.7	3.2	11.92	8.75	.2	....	.....	Arrested.
39.6	3.6	11.34	7.75	....	.76	Water 8%	Arrested.
39.6	3.5	11.31	7.81	....	.69	Water 8%	Arrested.

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MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	JANUARY, 1912—		
2145	P. Donovan, 864 Shotwell	Wagon	O'C. & R.
2156	J. Finnegan, 200 Ney Street	Wagon	O'C. & R.
2158	M. Dettling, 386 Utah Street	Wagon	O'C. & R.
2182	J. Moscirini, Sears Point	Shipper	O'Connor
2230	J. Silva, San Carlos		L. M. O'C. R. S. M.
2232	U. G. Lawrence		L. M. O'C. R. S. M.
2233	J. Verissimo, Novato		L. M. O'C. R. S. M.
2299	J. Silva, San Carlos		Murphy
2359	J. Decorbie, Holt	Shipper	O'C. S. R. M.
2361	M. M. Nunes, San Rafael		O'C. S. R. M.
2376	A. M. Borba, Gallinas		Mackey
2384	J. Sartori, Black Point		Riordan
2386	V. Sartori, Bonita		O'C. S. R. M.
2389	A. Machadof Co., Alto		O'C. S. R. M.
2406	M. Fagundas, San Rafael		O'C. S. R. M.
2407	J. I. Brazil, Bonita		O'C. S. R. M.
2491	E. Luggen, 51 Sharon Street	Wagon	Murphy
2492	Witt Bros., Colma		Lydon
2494	Western Dairy Co., 361 Waller		Murphy
2495	United M. Co., 3201 16th Street		Lydon
2502	C. W. Thorrold, 24th and Church		Lydon
2512	Lauberge Bros., Sickles and Hanover		Riordan
2515	Evans & Mulvihull, 21st and Mission		O'Connor
2523	United M. Co., 3201 16th Street		Riordan
2529	C. W. Thorrold, 3776 24th Street		O'Connor
2311	M. R. Antone, 711 3rd Street	Restaurant	Lydon
2312	A. Sefokis, 213 3rd Street		O'Connor
2314	U. Stein, 24 1st Street		Lyd. & O'C.
2317	O. Parmentier, 11 Jackson		Lyd. & O'C.
2320	C. Sarantids, 156 Eddy Street		Lydon
2321	Miss M. McDonald, 678 Eddy		O'Connor
2327	Western Dairy Co., 238 Mission		Lydon
2328	G. D. Heart, 3196 22nd Street		O'Connor
2329	Noones & Predotte, 2525 Mission		Lydon
	FEBRUARY, 1912—		
2543	F. Finnegan, 200 Ney Street		O'Connor
2544	Silvera & Silvera, 1667 Folsom		O'C. & R.
2554	United M. Co., 3201 Sixteenth Street		Lyd. & M.
2575	A. Rosa & Co., 20 Oak Grove	Wagon	Lyd. & M.
2576	United M. Co., 3201 Sixteenth Street	Wagon	Lyd. & M.
2579	United M. Co., 3201 Sixteenth Street	Wagon	Lyd. & M.
2582	Basso Bros., 659 Francisco	Wagon	Lyd. & M.
2598	Bottari & Co., Visitacion Val.		O'Connor
2599	Bottari & Co., Visitacion Val.		O'Connor
2601	Bottari & Co., Visitacion Val.		O'Connor
2613	F. Silva, Manzanita	Shipper	Murphy

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STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
43.6	2.1	11.89	8.79	.3	....	.....	Arrested.
39.0	3.9	11.59	7.69	....	.81	.....	.....
42.3	3.3	.....	.....	....	....	10% Water	added. Arrested.
44.5	2.5	11.12	8.82	1.1	....	.....	Arrested.
41.4	3.3	.....	.....	.1	....	.....	.....
42.0	3.3	.....	.....	.1	....	.....	.....
41.5	3.3	.....	.....	.1	....	.....	.....
41.8	3.1	12.03	8.93	.2	....	.....	Arrested.
41.4	3.3	.....	.....	.1	....	.....	.....
42.2	3.3	.....	.....	.1	....	.....	.....
44.8	2.7	11.87	9.16	.7	....	.....	Arrested.
43.4	3.1	11.98	8.88	.3	....	.....	Arrested.
43.4	3.3	.....	.....	.1	....	.....	.....
43.5	3.3	.....	.....	.1	....	.....	.....
43.1	3.3	.....	.....	.1	....	.....	.....
42.5	3.3	.....	.....	.1	....	.....	.....
40.3	3.1	12.07	8.97	.3	....	.....	Arrested.
42.0	3.0	11.63	8.03	.4	....	.....	Arrested.
42.3	3.1	12.12	9.02	.3	....	.....	Arrested.
42.5	3.1	11.87	8.77	.3	....	.....	Arrested.
42.3	3.0	12.17	9.17	.4	....	.....	Arrested.
40.3	3.9	11.03	8.13	.5	....	.....	Arrested.
42.3	3.1	12.13	9.02	.3	....	.....	Arrested.
42.4	3.1	11.94	8.84	.3	....	.....	Arrested.
43.0	2.8	11.90	9.10	.6	....	.....	Arrested.
42.1	3.1	11.81	8.71	.3	....	.....	Arrested.
40.4	3.0	11.51	8.51	.4	....	.....	Arrested.
43.3	3.3	.....	.....	.1	....	.....	.....
41.6	3.3	.....	.....	.1	....	.....	.....
42.8	2.0	11.29	9.29	1.4	....	.....	Arrested.
43.3	2.8	11.78	8.94	.6	....	.....	Arrested.
42.6	3.1	11.91	8.81	.3	....	.....	Arrested.
42.5	3.0	11.84	8.84	.4	....	.....	Arrested.
42.6	3.0	11.77	8.77	.4	....	.....	Arrested.
38.1	3.4	11.24	7.24	....	.66	Water 12%	Arrested.
41.7	3.3	.....	.....	.1	....	.....	.....
43.1	3.3	.....	.....	.1	....	.....	.....
43.4	3.3	.....	.....	.1	....	.....	.....
42.5	3.3	.....	.....	.1	....	.....	.....
42.2	3.3	.....	.....	.1	....	.....	.....
42.5	3.3	.....	.....	.1	....	.....	.....
39.9	4.0	12.05	8.05	....	.45	Water 8%	Arrested.
39.7	4.0	12.03	8.03	....	.47	Water 8%	Arrested.
40.0	3.9	12.05	8.15	....	.35	Wat. 7½%	Arrested.
43.9	2.7	11.57	8.97	.7	....	.....	Arrested.

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MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	FEBRUARY, 1912.—Cont'd.		
2667	Healion, Ray's Spur	Shipper	L. O'C. M. M.
2666	J. Silva, San Carlos	Shipper	O'Connor
2668	U. C. Lawrence	Shipper	L. M. O'C. M.
2670	P. Bros., Santa Clara	Shipper	Lydon
	MARCH, 1912—		
2791	B. Epp, 71 Twenty-eighth, Six Mile House	Wagon	Lydon
2792	J. A. Christen & Sons, 1427 Valencia		Murphy
2793	B. Cassou, Hamilton and Wayland		Lydon
2795	P. Loutalot, 654 Fulton Street		Murphy
2798	A. Rosa & Co., 20 Oak Grove Ave		Lydon & Murphy
2800	S. Keating, 862 Shotwell		Lydon & Murphy
2802	United Milk Co., 3201 Sixteenth Street		Lydon & Murphy
2804	A. Furrer, 1973 Fifteenth Street		Lydon & Murphy
2829	J. A. B. & Co., Ignacio	Shipper	Lydon
2860	M. Silva, Ignacio		Silvera
2852	A. D. Andrada, San Pablo		Murphy
2669	C. Rodoni, Home Farm Spur		Mackey
2959	F. P. Roche, Mt. View	Shipper	L. M. R. S.
2975	M. Nunez, Mayfield		L. M. R. S.
2930	I. Pacheco, Mt. View		L. M. R. S.
3011	Bonetti, Santa Clara		Lydon
3103	J. Nicolai, 2520 Bryant Street		Lydon
3108	J. Mondott, 160 Shotwell Street		Murphy
3118	Witt Bros., Colma		Lydon & Murphy
3147	Central M. Co., 261 Tehama Street		O'Connor
	APRIL, 1912—		
3170	P. Loustalot, 654 Fulton Street		Silvera
3172	J. A. Christen Sons, 1427 Valencia Street		Reardon
3175	Labrucheri, 1274 Hampshire Street		Silvera
3176	Ed. Green, Minna, between 3rd and 4th		Reardon
3197	P. Caubu, 1119 Nineteenth Ave. South		Lydon
3180	B. Dettling, 4108 Twenty-fifth Street		Silvera
3183	P. Donovan & Co., 864 Shotwell		Silvera
3186	J. Buhle, Woolsey and Hanover		Murphy
3280	A. Bianchi, Goodyear		Lydon
3353	F. Seamas, 763 McAllister Street		Lydon
3363	F. Nicolai, 2520 Bryant Street		Murphy
3408	Steffens, Lawrence		Lydon
3420	Enos, Santa Clara		Murphy
3429	A. S. Barron, Beresford		O'Connor
3430	A. S. Barron, Beresford		Silvera
3522	Joe Kennell, 7 Mile House		Silvera
3479	I. Pacheco, Mt. View		Lydon
3506	R. S. C. Beresford		Murphy
3529	United Milk Co., 3201 Sixteenth Street		Lydon
3531	B. Davis & Co., 1818 Howard Street		Murphy

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STANDARD.—Cont'd.

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
43.6	3.3	.....	.....	....	....	.....	.....
44.3	3.0	11.87	8.87	.4	....	.....	Arrested.
43.6	3.3	.....	.....	....	....	.....	.....
42.5	3.2	11.97	8.77	.2	....	.....	Arrested.
40.5	2.3	10.7	8.5	1.2	....	.....	Arrested.
42.5	3.1	11.8	8.7	0.3	....	.....	Arrested.
42.0	2.7	11.4	8.7	0.7	....	.....	Arrested.
40.0	3.2	11.2	8.7	0.3	....	Water 7%	Arrested.
41.0	3.3	.....	.....	.1	....	.....	.....
43.0	3.3	.....	.....	.1	....	.....	.....
42.1	3.3	.....	.....	.1	....	.....	.....
42.2	3.3	.....	.....	.1	....	.....	.....
44.0	3.1	12.6	9.5	0.3	....	.....	Arrested.
43.0	2.9	12.2	9.3	0.5	....	.....	Arrested.
41.6	3.1	11.7	8.6	0.3	....	.....	Arrested.
43.4	2.7	11.5	8.8	0.7	....	.....	Arrested.
41.4	3.3	.....	.....	.1	....	.....	.....
42.0	3.3	.....	.....	.1	....	.....	.....
41.9	3.3	.....	.....	.1	....	.....	.....
41.4	2.9	12.19	9.29	0.5	....	.....	Arrested.
32.0	2.3	7.76	5.46	1.1	3.04	Water 35%	Arrested.
39.5	3.1	11.12	8.02	0.3	0.48	Water 10%	Arrested.
42.0	3.1	11.91	8.81	0.3	....	.....	Arrested.
39.0	3.4	11.1	7.7	0.0	0.8	Water 10%	Arrested.
40.5	3.2	11.1	7.9	0.2	0.6	Watered 5%	Arrested.
41.7	3.2	11.8	8.6	0.2	0.0	Skimmed	Arrested.
42.5	3.1	12.0	8.9	0.3	0.0	Skimmed	Arrested.
39.4	3.3	11.1	7.8	0.1	0.7	Watered 9%	Arrested.
41.5	3.0	11.2	8.2	0.4	0.3	Skimmed	Arrested.
42.7	3.1	12.0	8.9	0.3	....	Skimmed	Arrested.
41.0	3.2	11.3	8.1	0.2	0.4	Skimmed	Arrested.
41.9	3.1	12.2	9.1	0.3	....	Skimmed	Arrested.
39.7	3.5	11.8	9.3	0.0	0.2	10% Added Water.....	Arrested.
41.8	3.1	12.00	8.90	0.3	0.0	Skimmed milk	Arrested.
32.6	2.4	8.41	6.01	1.0	2.49	35% Added Water.....	Arrested.
42.6	3.2	12.42	9.22	0.2	0.0	Skimmed	Arrested.
42.6	2.9	12.04	9.14	0.5	0.0	Skimmed	Arrested.
40.9	3.1	12.03	8.93	0.3	0.0	Skimmed	Arrested.
42.4	3.2	12.51	9.31	0.2	0.0	Skimmed	Arrested.
39.3	3.0	11.10	8.10	.4	.4	About 11% water.....	Arrested.
42.4	3.1	12.00	8.90	0.3	....	.....	Arrested.
42.6	3.1	12.03	5.93	0.3	....	.....	Arrested.
42.0	3.1	11.9	8.8	0.3	....	.....	Arrested.
42.4	3.2	12.2	9.0	0.2	....	Skimmed	Arrested.

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MILK BELOW

Lab. No.	SAMPLES FROM		INSPECTOR
	APRIL, 1912.—Cont'd.		
3579	L. Anthenien, 19 Capp Street		Silvera
3586	Silvera & Silvera, 1667 Folsom Street		Silvera
3590	B. Cassou, Hamilton & Wayland		Murphy
3607	L. Bacher, 1220 Vermont Street		Lydon
3631	J. Buhle, University and Woolsey		Lydon
3658	P. Bareus, 3704 Seventeenth Street		O'Connor
3672	J. Moran, 2817 Mission Street		Reardon
3770	M. F. Porto, Christee		Lydon
3778	J. Mondott, Pleasanton		Murphy
3807	M. I. Pedrotti, Ignacio		O'Connor
3811	G. R. Phillips, San Clemente		Silvera
3818	R. Ghisletta, Greenwood		Murphy
3909	C. Rodoni, Farm Spur		Lydon
3983	B. Cassou, Coyote		Lydon
	MAY, 1912		
3992	May 7	I. Sartori, Black Point	Shipper
4119	May 9	J. Finnegan, 200 Ney	Wagon
4142	May 9	A. Rosa Co., 20 Oak Grove	Wagon
4160	May 9	H. Stetson, 291 6th Ave	Restaurant
4166	May 9	C. F. Almestedt, 2nd and Clem	
4172	May 9	Mrs. C. Erickson, 3019 24th	
4178	May 9	Peter Metropolis, 2957 24th	
4232	May 10	G. R. Phillips, San Clemente	Shipper
4363	May 21	M. I. Diepenbrock, 3550 19th	Shipper
4381	May 21	L. Azevedo, Vallejo	Shipper
4410	May 21	Melone, Oak Knoll	Shipper
4422	May 21	C. Rodoni, Home Farm Spur	Shipper
4511	May 23	Torre Bros., 655 Green	Wagon
4514	May 23	F. Nicolai, 2522 Bryant	Wagon
4553	May 27	F. Machado, Palo Alto	Shipper
4577	May 27	Stephens, Lawrence	Shipper

* May 25, 1912; Judge Shortall.
† June 1, 1912; Judge Shortall.

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STANDARD—Continued

Ref. Read	Milk Fat	Total Solids	Solids Not Fat	Below Standard		Added Substance	REMARKS
				Milk Fat	Solids Not Fat		
39.0	3.5	11.1	7.6	0.0	0.9	Added water about 12%	Arrested.
43.5	3.2	12.52	9.32	0.2	....	.....	Arrested.
42.7	3.0	12.11	9.11	0.4	....	.....	Arrested.
41.9	3.1	12.12	9.02	0.3	....	Skimmed	Arrested.
42.3	2.8	12.04	9.24	0.6	....	Skimmed	Arrested.
42.1	3.2	12.18	8.98	0.2	....	Skimmed	Arrested.
39.6	3.5	11.18	7.68	0.0	0.82	Added water 10%.....	Arrested.
42.3	3.0	12.15	9.15	0.4	0.0	Skimmed	Arrested.
43.1	2.5	12.25	9.75	0.9	0.0	Skimmed	Arrested.
42.6	3.0	12.43	9.43	0.4	....	Skimmed	Arrested.
41.3	3.0	12.31	9.31	0.4	0.0	Skimmed	Arrested.
42.8	1.8	11.36	9.56	1.60	0.0	Skimmed	Arrested.
41.6	3.1	12.08	8.98	0.4	0.0	Skimmed	Arrested.
42.2	3.1	12.50	9.40	0.3	0.0	Skimmed	Arrested.
42.1	3.1	12.83	9.13	0.3	....	13% Added Water.....	.....
38.9	3.7	11.80	8.10	0.0	0.4	13% Added Water.....	.....
41.0	3.1	11.41	8.31	0.3	0.19	Skimmed	*Fine $25
41.8	2.6	11.55	8.95	0.8	0.0	Skimmed	.....
42.3	2.3	11.18	8.85	1.1	0.0	Skimmed	.....
41.4	2.6	11.48	8.88	0.8	0.0	Skimmed	.....
40.9	2.6	11.07	8.47	0.8	0.3	Skimmed	†Fine $10
41.6	1.7	10.46	8.76	1.7	0.0	50% deficiency cream....	.....
42.5	2.6	11.66	9.06	0.8	0.0	Skimmed	.....
41.8	3.0	11.66	8.66	0.4	....	11% defi'ncy butter fat	.....
42.8	3.1	11.89	8.79	0.3	0.0	Skimmed	.....
42.0	3.2	11.90	8.70	0.2	0.0	Skimmed	.....
41.4	3.0	11.57	8.57	0.4	0.0	Skimmed	.....
41.3	2.9	10.78	7.88	0.5	0.62	Skimmed and watered..	.....
43.0	2.7	11.67	8.97	0.7	....	Skimmed	.....
41.4	2.7	10.99	8.29	0.7	0.21	Skimmed	.....

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NON-ALCOHOLIC BEVERAGES.

Substance.	Name of Dealer.	Artificial Coloring.	Flavor.	Preservatives.
Golden State Fruit Beer	J. Kreever	None	Lemon	None
Calwa Grape Juice	Golden Gate Park, C. C. P.	None	Grape	None
Calwa (Red) Grape Juice	Golden Gate Park, C. C. P.	None	Grape	None
Root Beer	Golden Gate Park, C. C. P.	None	Root Beer	None
Root Beer	Gust Rogurci, 109 East St.	None	Root Beer	None
California Lemon Soda	N. Strathakos, 16 East St.	None	Art. Lemon	Saccharine
Gingerale	J. Rustich, 115 East St.	None	.....	Saccharine
Belfast Sarsaparilla	H. Rosenthal, 1076 Howard St.	None	Sarsaparilla	Saccharine
Majestic Brew	J. Stamatelos, 202 Townsend St.	None	.....	Saccharine
Hires Root Beer	C. Lindemann, 100 Fair Oaks St.	None	Root Beer	None
Coca Cola	D. Monalatos, 135 Fourth St.	None	.....	.....
California Gingerale	P. Tatemos, 604 Third St.	None	.....	None
Cherry-Cheer	Sala & Co., 196 Sixth St.	Artificial	.....	None
Queen Charlotte	J. Marcios, 621 Market St.	Coal-Tar	.....	None
Orange Soda	P. Kaplauis, 9 Eighth St.	Coal-Tar	.....	None
Orange Soda	T. Drosos, 39 Fourth St.	Coal-Tar	.....	None
Queen Charlotte	Rustice & Co., 859 Bryant St.	Coal-Tar	.....	None
Lemon Soda	M. J. Kelly, 365 Fifth St.	None	Lemon	Saccharine
Lemon Soda	C. Paras, 141 Third St.	None	Lemon	Saccharine
Sarsaparilla Soda	Shroeder & Kroll, 1498 Ellis St.	Coal-Tar	Sarsaparilla	Saccharine
Tru-Cola	H. C. Klute, 1841 Polk St.	None	.....	None
Lemon Soda	J. Calfenos, 141 Eighth St.	None	Lemon	Saccharine
Creme Charlotte	The Arcadia, 1527 Polk St.	Coal-Tar	.....	Saccharine
Orange Soda	G. Lamberes & Co., 1898 Sutter St.	Coal-Tar	Orange	Saccharine
Creme Charlotte	J. H. Eiben, 594 Dolores St.	Coal-Tar	.....	Saccharine
Strawberry Soda	E. Bowers, 3421 Sixteenth St.	Coal-Tar	.....	Saccharine
Orange Soda	K. Maas, 392 Dolores	Coal-Tar	.....	Saccharine
Schwartz Gingerale	G. Pamusos, 3694 Eighteeth St.	None	.....	None

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Strawberry Soda	Elite Fruit Store, 1690 O'Farrell	Coal-Tar		Saccharine
Cherry-Cheer	E. A. Lackmann, Polk & Broadway	Coal-Tar		None
Cocoa	Golden Gate Park, C. C. P.	None		
Chocolate (Baker's)	Golden Gate Park, C. C. P.			
Raspberry Juice	Jos. Herb, 1607 Howard St.	None	Raspberry	None
Ghirardelli's Chocolate	Golden Gate Park, C. C. P.			
Cocoa	Irwin Bros., 227 Third St.			
Orange Soda	Mike Parashi, 7 East St.	Orange No. 1.		Saccharine
Creme Soda	Mike Parashi, 7 East St.	None		None
Creme Charlotte	Mike Parashi, 7 East St.	Amaranth		None
Jersey Creme	Mike Parashi, 7 East St.	Ponceau 3 R.		None
Raspberry Soda	J. Lackmann, 44 Steiner	Amaranth		None
Lemon Soda	J. Lackmann, 44 Steiner	None		Saccharine
Creme Charlotte	J. Lackmann, 44 Steiner	Amaranth		None
Lemon Soda White Diamond	C. E. Selk, 99 Sanchez St.	None		None
Creme Charlotte	M. Nerlson, 300 Church St.	Amaranth		None
Sarsaparilla	M. Intermann & Co., 2301 Bryant St.	None		None
Belmont Lemon Soda	M. Intermann & Co., 2301 Bryant St.	None		None
Hire's Root Beer	M. Intermann & Co., 2301 Bryant St.	None		None
Root Beer	A. Selig, 2415 Bryant St.	None	Root Beer	None
Iron Brew	H. Intermann, 2301 Bryant St.	None		None
Gingerale	D. Gilbert, 3601 Army St.	None		None
Creme Charlotte	D. Gilbert, 3601 Army St.	Amaranth		None
Iron Brew	D. Gilbert, 3601 Army St.	None		None
Hires's Root Beer	D. Gilbert, 3601 Army St.	None	Root Beer	None
Belmont Sarsaparilla	D. Gilbert, 3601 Army St.	None		None
Belmont Lemon Soda	D. Gilbert, 3601 Army St.	None		None
Creme Soda	L. Quilici, 2806 Mission St.	None		None
Strawberry Soda	L. Quilici, 2806 Mission St.	Amaranth		None
Sarsaparilla Soda	L. Quilici, 2806 Mission St.	None		None
Gingerale	L. Quilici, 2806 Mission St.	None		None
Root Beer	L. Quilici, 2806 Mission St.	None	Root Beer	None
Strawberry Soda	J. Berendsen, 762 Divisadero St.	Amaranth	Strawberry	None
Creme Charlotte	J. Berendsen, 762 Divisadero St.	Amaranth		None

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NON-ALCOHOLIC BEVERAGES.—Cont'd.

Substance.	Name of Dealer.	Artificial Coloring.	Flavor.	Preservatives.
Cherry-Cheer	J. Berendsen, 762 Divisadero St.	Amaranth		None
Root Beer	J. Berendsen, 762 Divisadero St.	Amaranth	Root Beer	None
Belfast Brew	J. Berendsen, 762 Divisadero St.	None		None
Creme Charlotte	D. Hadler, 455 Divisadero St.	None		None
Lemon Soda	D. Hadler, 455 Divisadero St.	None		None
Creme Charlotte	D. Hadler, 455 Divisadero St.	Amaranth		None
Brew	D. Hadler, 455 Divisadero St.	None		Saccharine
Root Beer	McCaw Bros., 401 Divisadero St.	None	Root Beer	None
Creme Charlotte	McCaw Bros., 401 Divisadero St.	Amaranth		None
"Cub" Root Beer	McCaw Bros., 401 Divisadero St.	None	Root Beer	None
Coca Cola	McCaw Bros., 401 Divisadero St.	None		None
Sweet Soda	McCaw Bros., 401 Divisadero St.	None		Saccharine
Hillman's Lemon Snap	Arato Bros., 3341 Eighteenth St.	None		Saccharine
Creme Charlotte	Arato Bros., 3341 Eighteenth St.	Amaranth		None
Hillman's Iron Snap	Arato Bros., 3341 Eighteenth St.	None		None
Royal Crown Ginger Ale	N. Prongos, 1694 Fillmore St.	None	Ginger-Capsicum	None
Gingerale	Nick Zavis, 286 Third St.	None		None
Creme Charlotte	Nick Zavis, 286 Third St.	Amaranth		None
Cream Soda	Nick Zavis, 286 Third St.	None		None
Coca Cola	Nick Zavis, 286 Third St.	None		None
Root Beer	Nick Zavis, 286 Third St.	None		None
Lemon	Nick Zavis, 286 Third St.	None		None
Sarsaparilla	Griffin & Co., 301 Third St.	None	Sarsaparilla	None
"Sunisfallen" Gingerale Ale	Griffin & Co., 301 Third St.	None		None
Iron Brew	Griffin & Co., 301 Third St.	None		None
Lemon Soda (W. B. Co.)	Griffin & Co., 301 Third St.	None		None
Cream Soda	J. J. Roddy, 230 Third St.	None		None
Majestic Brew	J. J. Roddy, 230 Third St.	None		None

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Gingerale	L. Antipa, 25 Fourth St.	None		None
Loganberry Soda	L. Antipa, 25 Fourth St.	Amaranth		None
Raspberry Soda	L. Antipa, 25 Fourth St.	Amaranth	Raspberry	None
Orange Soda (M. B. Co.)	L. Antipa, 25 Fourth St.	Orange I		None
Brew	L. Antipa, 25 Fourth St.	None		None
Orange Soda	L. Antipa, 25 Fourth St.	Orange I		None
Leeco Root Beer (M. B. Co.)	L. Antipa, 25 Fourth St.	None		None
Gingerale (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	None		None
Root Beer (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	None		None
Orange Soda (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	Orange I		None
Brew (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	None		None
Lemon Soda (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	None		None
Strawberry (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	Amaranth		None
Lemon Sour (G. W. S. Wks.)	L. Drosso, 39 Fourth St.	Napthol Yel. S.		None
Pinectar (P. S. Co.)	D. Manoclatus, 135 Fourth St.	None		None
Gingerale (Maj. B. Co.)	D. Manoclatus, 135 Fourth St.	None		None
Shamrock Gingerale	D. Hadeler, 455 Divisadero St.	None		None
Vin-Fiz (Maj. Bot. Co.)	J. W. Morrissey, 351 Divisadero St.	Amaranth		Benzoate Soda
Alhambra Gingerale	Schmidt & Trask, 339 Divisadero St.	None		None
Gingerale (S. G. A. Co.)	Schomer Bros., 901 Haight St.	None		None
Lemon Soda (Ent. B. Co.)	Schomer Bros., 901 Haight St.	None		None
Queen Charlotte (Ent. B. Co.)	Schomer Bros., 901 Haight St.	Amaranth		None
Majestic Gingerale (M. B. Co.)	Danemark Bros., 798 Haight St.	None		None
Gingerale (C. L. & S. W. Co.)	O. P. Cameron, 597 Haight St.	None		None
Lemon Soda (C. L. & S. W. Co.)	O. P. Cameron, 597 Haight St.	None		None
Sarsaparilla (C. L. & S. W. Co.)	O. P. Cameron, 597 Haight St.	None		None
Brew (C. L. & S. W. Co.)	O. P. Cameron, 597 Haight St.	None		None
Root Beer (C. L. & S. W. Co.)	O. P. Cameron, 597 Haight St.	None		None
Sarsaparilla Soda (S. F. Soda Wks.)	Nick Katsura, 163 Third St.	None		None
Cream Soda (S. F. Soda Wks.)	Nick Katsura, 163 Third St.	None		None
Raspberry Soda (S. F. Soda Wks.)	Nick Katsura, 163 Third St.	Amaranth		None
Gingerale	J. Bondurer, 1252 Stockton St.	None		None
Iron Ale (S. F. Soda Wks.)	J. Bondurer, 1252 Stockton St.	None		None
Brew (G. W. S. Wks.)	P. Eliaopolus, 1310 Stockton St.	None		None

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NON-ALCOHOLIC BEVERAGES.—Cont'd.

Substance.	Name of Dealer.	Artificial Coloring.	Flavor.	Preservatives.
Lemon Soda (B. G. A. Co.)	P. Eliaopolus, 1310 Stockton St.	None		None
Sarsaparilla (N. C. S. Wks.)	Venaghia & Gorni, 1405 Stockton St.	None		None
Soda Brew (N. C. S. Wks.)	Venaghia & Gorni, 1405 Stockton St.	None		None
Gingerale (N. C. S. Wks.)	Venaghia & Gorni, 1405 Stockton St.	None		None
Sweet Lemon Soda (N. C. S. Wks.)	Venaghia & Gorni, 1405 Stockton St.	None		None
Lemon Soda (N. C. S. Wks.)	Irwine Bros., 1447 Stockton St.	None		None
Strawberry (G. W. S. Co.)	J. Mantanas, 803 Stockton St.	Amaranth		None
Queen Charlotte (S. G. A. Co.)	O. J. Carrol, 451 Third St.	Amaranth		None
Sarsaparilla (S. G. A. Co.)	O. J. Carrol, 451 Third St.	None		None
Sarsaparilla (B. C. S. W. Co.)	O. J. Carrol, 457 Third St.	None		None
Royal Brew (B. C. S. W. Co.)	O. J. Carrol, 451 Third St.	None		None
Club Gingerale	Herman Hohn, 1311 Buchanan	None		None
Iron Brew (A. S. W. Co.)	M. Krus, 2309 Bryant St.	None		Saccharine
Lemon Soda (A. S. W. Co.)	S. Giorduo, 2726 Twenty-fourth St.	None		Saccharine
Queen Charlotte (A. S. W. Co.)	Basso, 3016 Mission St.	Ponceau 3 R.		None
Cream Soda (A. S. W. Co.)	Basso, 3016 Mission St.	None		None
Sarsaparilla (A. S. W. Co.)	C. Lindeman, 100 Fairoaks St.	None		None
Gingerale (S. G. A. Co.)	Cushing Bros., 3698 Twentieth St.	None		None
Jersey Cream	I. Berg, 999 Golden Gate Ave.	None		1/5 of 1% Alcohol
Lemon Soda (W. B. Co.)	J. D. Riordan, 39 Sycamore St.	None		None
Tru-Cola (N. B. Co.)	J. Haldener, 125 San Carlos St.	None		None
Raspberry (W. B. Co.)	A. C. Lund, 3101 Folsom St.	Amaranth		None
Sarsaparilla (M. B. Co.)	Henecke Bros., 4201 Eighteenth St.	None		None
Cream Soda (Q. L. D. Assoc.)	Koher Bros., 1203 Turk St.	None		None
Gingerale (B. C. S. Wks.)	Koher Bros., 1203 Turk St.	None		Saccharine
Sarsaparilla (B. C. S. Wks.)	Koher Bros., 1203 Turk St.	None		Saccharine
Sweet Soda (B. C. S. Wks.)	Koher Bros., 1203 Turk St.	None		Saccharine
Creme Charlotte (B. C. S. Wks.)	Koher Bros., 1203 Turk St.	Amaranth		None

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Lemon Sour (A. N. M. W. Co.)	H. L. Klute, 1841 Polk St.	None		None
Sarsaparilla (C. B.)	J. Marty, 1710 Polk St.	None		None
Root Beer (S. F. S. Wks.)	Boussyou & Rey, 1571 Divisadero St.	None		None
Sarsaparilla (B. S. Wks.)	Lagar & Melhan, 1703 Divisadero St.	None		None
Bartlett Gingerale	J. Sanguinetti, 1736 Divisadero St.	None		None
Raspberry Soda (E. & Co.)	M. Hague, 1804 Divisadero St.	Amaranth		None
Lemon Soda (E. & Co.)	M. Hague, 1804 Divisadero St.	None		None
Strawberry (C. B.)	J. Bullotti, 2201 Steiner St.	Ponceau 3 R.		None
Root Beer (Q. L. D. S.)	United Pure Food Co., 1540 Fillmore St.	None		None
Cream of Iron (C. B.)	United Pure Food Co., 1540 Fillmore St.	None		None

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VINEGARS.

Substance.	Artificial Coloring.	Preservatives.	Sp. Gr.	Acetic Acid.	Solids.	Remarks.
Vinegar	None	None	1.0140	4.3%	2.22%	
Pure Malt Vinegar	None	None	1.0115	9.3%	1.14%	
Pure Apple Cider Vinegar	None	None	1.016	4.8%	1.96%	Genuine.
Pure Distilled Vinegar	None	None	1.007	4.5%	0.26%	
Pure Cider Vinegar	None	None	1.015	4.7%	2.05%	True to label.
Apple Juice Vinegar	None	None	1.015	4.5%	1.92%	True to label.
Cider Vinegar	None	None	1.018	5.1%	2.53%	True to label.
Pure White Wine Vinegar	None	None	1.007	5.1%	0.35%	True to label.
Pure Malt Vinegar	None	None	1.007	4.5%	0.25%	Misbranded.
Claret Vinegar	None	None	1.0155	5.2%	2.31%	True to label.
Pure Distilled Vinegar	None	None	1.009	5.0%	0.61%	True to label.
Cider Vinegar	None	None	1.012	5.1%	1.95%	True to label.
Distilled Vinegar	None	None	1.007	4.6%	0.25%	True to label.
Pure Apple Cider Vinegar	None	None	1.018	4.7%	2.94%	True to label.
Pure Apple Cider Vinegar	None	None	1.018	4.6%	2.98%	True to label.
Dstilled Vinegar	None	None	1.0105	6.1%	0.60%	True to label.
Dstilled Vinegar	None	None	1.0105	6.2%	0.63%	True to label.
Apple Cider Vinegar	None	None	1.0175	5.1%	2.5 %	True to label.
Cider Vinegar	None	None	1.0175	5.1%	2.5 %	True to label.

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OILS.

Substance.	Name of Dealer.	Refraction.	Remarks.
Olive Oil	M. Konke	67.8 (B.)	Mostly cottonseed oil.
Olive Oil	City & County Hospital		Found to be a pure olive oil.
Salad Oil	Pacific Preserve Co.	67.6 (B.)	Mostly cottonseed oil.
Salad Oil	Pacific Preserve Co.	66.9 (B.)	Mostly cottonseed oil.
Salad Oil	Pacific Preserve Co.	68.0 (B.)	Mostly cottonseed oil.
Salad	M. A. Barnes		Rancid oils.
Caola	A. Brassilla		A modified cocoanut oil.

		Flash Test.	Fire.	Beaume.	Cold Test.
Lubricating Oil (Cylinder)	Relief Home	296° C.	350° C.	28.0°	+2° C.
Lubricating Oil (Engine)	Relief Home	208° C.	235° C.	25.5°	—5° C.
Lubricating Oil (Crank)	Relief Home	212° C.	235° C.	32.9°	—5° C.

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SYRUPS.

Substance.	Dealer.	Remarks.
Maple Syrup & Cane	G. Varacchi, Ellis St.	True to label.
Canadian Maple & Cane Syrup	M. A. Gerdes, 1598 Eddy St.	True to label.
Towles Log Cabin Cane & Maple Syrup	M. A. Gerdes, 1598 Eddy St.	True to label.
Toboggan Cane & Maple	J. Puckhaber, 1174 McAllister	True to label.
Cane & Maple Drips	J. Puckhaber, 1174 McAllister	True to label.
Scudder's Cane & Maple Sap	P. Brandt, 1898 Ellis St.	True to label.
Maple Sap Syrup	Schwaderer & Knoll	True to label.
Wellman Maple Syrup	G. G. Pauli, 755 Laguna	True to label.
S. & W. Maple Syrup	G. Markel, 1201 Golden Gate Ave.	True to label.
Old Mouse Cane & Maple	G. A. Berg, 999 Golden Gate Ave.	True to label.
Canadian Maple & Sugar Syrup	J. Lazarus, 1020 Golden Gate Ave.	True to label.
Canada Cane & Maple Flavor	West, Elliot & Gordon	True to label.
Banquet Sugar & Maple	Johnson Bros., 2187 Fillmore	True to label.
Long's Cane & Maple Syrup	Jos. Astuulz & Co., Fillmore and Pine Sts.	True to label.
Blood of the Maple Syrup	Taber & Co., 1207 Polk St.	True to label.
Scudder's Maple	Taber & Co., 1207 Polk St.	True to label.
Circus Table Syrup	M. Jacobs, 298 Guerrero St.	True to label.
Golden Pheasant Cane & Maple	J. Massoni, 2762 Mission	True to label.

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CANDIES.

Substance.	Dealer.	Art. Color.
Chocolate Candy	Golden Gate Park	None
Chocolate Bon Bons	Golden Gate Park	None
Chocolate Caramels	Golden Gate Park	None
Chocolate Almonds	Golden Gate Park	None
Chocolate Nuggets	Golden Gate Park	None
Molasses Chips	Golden Gate Park	None
Choc. Marshmallows	Golden Gate Park	None
Choc. Mint Creams	Golden Gate Park	None
Choc. Nuggett	Golden Gate Park	None
Choc. Caramels	Golden Gate Park	None
Choc. Chips	Golden Gate Park	None
Nut Bon Bons	Golden Gate Park	None
Peanut Lumps	Golden Gate Park	None
Fruit Bon Bons	Golden Gate Park	None
Nut Panochi	Golden Gate Park	None
Yellow Molasses Chips	Golden Gate Park	None
Choc. Bon Bons	Golden Gate Park	None
Peanut Fudge	Golden Gate Park	None
Peppermint Candy	Golden Gate Park	Coal-Tar
Molasses Candy	Golden Gate Park	None
Fruit Drops	Golden Gate Park	Amaranth
Fruit Drops	Golden Gate Park	Napthol Yel. S.
Fruit Drops	Golden Gate Park	Coal-Tar
Hoarhound Drops	Golden Gate Park	None
Butterscotch	Golden Gate Park	None
Lemon Sticks	Golden Gate Park	Napthol Yel. S.
Peppermint Sticks	Golden Gate Park	Amaranth
Cinnamon Taffy	Golden Gate Park	Amaranth
Chewing Candy	Golden Gate Park	Amaranth
Chewing Candy	Golden Gate Park	Coal-Tar
Chewing Candy	Golden Gate Park	None
Chewing Candy Choc.	Golden Gate Park	None
Peppermint Creams	G. F. Barker, 672 Howard St.	None
Marshmallows	Mrs. J. J. Mazzer	None
Candy	Mrs. L. R. Hill, 2739 Scott	None

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ICE CREAM.

Substance.	Dealer.	Artificial Coloring.	Butter Fat.
Ice Cream	Golden Gate Park, Children's Playground	None	14.0%
Ice Cream	Golden Gate Park, Children's Playground	None	21.0%
Water Ice Rolls	Golden Gate Park, Children's Playground	None	6.0%
Ice Cream	Golden Gate Park, Children's Playground	None	18.2%
Ice Cream	Golden Gate Park, Children's Playground	None	21.6%
Ice Cream	Golden Gate Park, Children's Playground	None	18.0%
Water Ice	Golden Gate Park, Children's Playground	None	4.5%
Ice Cream	Golden Gate Park, Children's Playground	None	19.8%
Ice Cream	Golden Gate Park, Children's Playground	None	18.5%
Ice Cream, Strawberry	Golden Gato Park, Children's Playground	None	12.8%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	15.5%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	16.1%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.4%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.2%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	18.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.2%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.6%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	11.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	14.0%
Ice Cream	Golden Gate Park, Children's Playground	None	14.7%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.8%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	18.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	18.4%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	15.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.6%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	12.4%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.4%

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Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.6%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.2%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.9%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.9%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.8%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.5%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.9%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	12.1%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	15.2%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.2%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.6%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.8%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.4%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.8%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	12.4%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.6%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	14.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	16.0%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.4%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.9%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.5%

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VINEGARS.

Substance.	Artificial Coloring.	Preservatives.	Sp. Gr.	Acetic Acid.	Solids.	Remarks.
Vinegar	None	None	1.0140	4.3%	2.22%	
Pure Malt Vinegar	None	None	1.0115	9.3%	1.14%	
Pure Apple Cider Vinegar	None	None	1.016	4.8%	1.96%	Genuine.
Pure Distilled Vinegar	None	None	1.007	4.5%	0.26%	
Pure Cider Vinegar	None	None	1.015	4.7%	2.05%	True to label.
Apple Juice Vinegar	None	None	1.015	4.5%	1.92%	True to label.
Cider Vinegar	None	None	1.018	5.1%	2.53%	True to label.
Pure White Wine Vinegar	None	None	1.007	5.1%	0.35%	True to label.
Pure Malt Vinegar	None	None	1.007	4.5%	0.25%	Misbranded.
Claret Vinegar	None	None	1.0155	5.2%	2.31%	True to label.
Pure Distilled Vinegar	None	None	1.009	5.0%	0.61%	True to label.
Cider Vinegar	None	None	1.012	5.1%	1.95%	True to label.
Distilled Vinegar	None	None	1.007	4.6%	0.25%	True to label.
Pure Apple Cider Vinegar	None	None	1.018	4.7%	2.94%	True to label.
Pure Apple Cider Vinegar	None	None	1.018	4.6%	2.98%	True to label.
Dstilled Vinegar	None	None	1.0105	6.1%	0.60%	True to label.
Dstilled Vinegar	None	None	1.0105	6.2%	0.63%	True to label.
Apple Cider Vinegar	None	None	1.0175	5.1%	2.5 %	True to label.
Cider Vinegar	None	None	1.0175	5.1%	2.5 %	True to label.

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OILS.

Substance.	Name of Dealer.	Refraction.	Remarks.
Olive Oil	M. Konke	67.8 (B.)	Mostly cottonseed oil.
Olive Oil	City & County Hospital		Found to be a pure olive oil.
Salad Oil	Pacific Preserve Co.	67.6 (B.)	Mostly cottonseed oil.
Salad Oil	Pacific Preserve Co.	66.9 (B.)	Mostly cottonseed oil.
Salad Oil	Pacific Preserve Co.	68.0 (B.)	Mostly cottonseed oil.
Salad	M. A. Barnes		Rancid oils.
Caola	A. Brassilla		A modified cocoanut oil.

		Flash Test.	Fire.	Beaume.	Cold Test.
Lubricating Oil (Cylinder)	Relief Home	296° C.	350° C.	28.0°	+2° C.
Lubricating Oil (Engine)	Relief Home	208° C.	235° C.	25.5°	—5° C.
Lubricating Oil (Crank)	Relief Home	212° C.	235° C.	32.9°	—5° C.

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SYRUPS.

Substance.	Dealer.	Remarks.
Maple Syrup & Cane	G. Varacchi, Ellis St.	True to label.
Canadian Maple & Cane Syrup	M. A. Gerdes, 1598 Eddy St.	True to label.
Towles Log Cabin Cane & Maple Syrup	M. A. Gerdes, 1598 Eddy St.	True to label.
Toboggan Cane & Maple	J. Puckhaber, 1174 McAllister	True to label.
Cane & Maple Drips	J. Puckhaber, 1174 McAllister	True to label.
Scudder's Cane & Maple Sap	P. Brandt, 1898 Ellis St.	True to label.
Maple Sap Syrup	Schwaderer & Knoll	True to label.
Wellman Maple Syrup	G. G. Pauli, 755 Laguna	True to label.
S. & W. Maple Syrup	G. Markel, 1201 Golden Gate Ave.	True to label.
Old Mouse Cane & Maple	G. A. Berg, 999 Golden Gate Ave.	True to label.
Canadian Maple & Sugar Syrup	J. Lazarus, 1020 Golden Gate Ave.	True to label.
Canada Cane & Maple Flavor	West, Elliot & Gordon	True to label.
Banquet Sugar & Maple	Johnson Bros., 2187 Fillmore	True to label.
Long's Cane & Maple Syrup	Jos. Astuulz & Co., Fillmore and Pine Sts.	True to label.
Blood of the Maple Syrup	Taber & Co., 1207 Polk St.	True to label.
Scudder's Maple	Taber & Co., 1207 Polk St.	True to label.
Circus Table Syrup	M. Jacobs, 298 Guerrero St.	True to label.
Golden Pheasant Cane & Maple	J. Massoni, 2762 Mission	True to label.

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CANDIES.

Substance.	Dealer.	Art. Color.
Chocolate Candy	Golden Gate Park	None
Chocolate Bon Bons	Golden Gate Park	None
Chocolate Caramels	Golden Gate Park	None
Chocolate Almonds	Golden Gate Park	None
Chocolate Nuggets	Golden Gate Park	None
Molasses Chips	Golden Gate Park	None
Choc. Marshmallows	Golden Gate Park	None
Choc. Mint Creams	Golden Gate Park	None
Choc. Nuggett	Golden Gate Park	None
Choc. Caramels	Golden Gate Park	None
Choc. Chips	Golden Gate Park	None
Nut Bon Bons	Golden Gate Park	None
Peanut Lumps	Golden Gate Park	None
Fruit Bon Bons	Golden Gate Park	None
Nut Panochi	Golden Gate Park	None
Yellow Molasses Chips	Golden Gate Park	None
Choc. Bon Bons	Golden Gate Park	None
Peanut Fudge	Golden Gate Park	None
Peppermint Candy	Golden Gate Park	Coal-Tar
Molasses Candy	Golden Gate Park	None
Fruit Drops	Golden Gate Park	Amaranth
Fruit Drops	Golden Gate Park	Napthol Yel. S.
Fruit Drops	Golden Gate Park	Coal-Tar
Hoarhound Drops	Golden Gate Park	None
Butterscotch	Golden Gate Park	None
Lemon Sticks	Golden Gate Park	Napthol Yel. S.
Peppermint Sticks	Golden Gate Park	Amaranth
Cinnamon Taffy	Golden Gate Park	Amaranth
Chewing Candy	Golden Gate Park	Amaranth
Chewing Candy	Golden Gate Park	Coal-Tar
Chewing Candy	Golden Gate Park	None
Chewing Candy Choc.	Golden Gate Park	None
Peppermint Creams	G. F. Barker, 672 Howard St.	None
Marshmallows	Mrs. J. J. Mazzer	None
Candy	Mrs. L. R. Hill, 2739 Scott	None

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ICE CREAM.

Substance.	Dealer.	Artificial Coloring.	Butter Fat.
Ice Cream	Golden Gate Park, Children's Playground	None	14.0%
Ice Cream	Golden Gate Park, Children's Playground	None	21.0%
Water Ice Rolls	Golden Gate Park, Children's Playground	None	6.0%
Ice Cream	Golden Gate Park, Children's Playground	None	18.2%
Ice Cream	Golden Gate Park, Children's Playground	None	21.6%
Ice Cream	Golden Gate Park, Children's Playground	None	18.0%
Water Ice	Golden Gate Park, Children's Playground	None	4.5%
Ice Cream	Golden Gate Park, Children's Playground	None	19.8%
Ice Cream	Golden Gate Park, Children's Playground	None	18.5%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.8%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	15.5%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	16.1%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.4%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.2%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	18.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.2%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.6%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	11.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	14.0%
Ice Cream	Golden Gate Park, Children's Playground	None	14.7%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.8%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.4%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	15.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.6%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	12.4%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.4%

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Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.6%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.2%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.9%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.9%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.8%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.5%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.9%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	12.1%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	15.2%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.2%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.6%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.8%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.4%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	12.8%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	12.4%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	14.6%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	14.0%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	16.0%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.4%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.9%
Ice Cream, Vanilla	Golden Gate Park, Children's Playground	None	13.0%
Ice Cream, Strawberry	Golden Gate Park, Children's Playground	None	11.5%
Ice Cream, Chocolate	Golden Gate Park, Children's Playground	None	11.5%

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EVAPORATED MILK.

Substance.	Dealer.	Butter Fat.	Remarks.
Alpine	Peninsular Warehouse	7.9%	Within legal standard.
Van Camp's	West, Elliot & Gordon	7.7%	Within legal standard.
3 C Dry Whole Milk	Mrs. Ewen, 238 Hartwell St., S. F.	26.10%	Within legal standard.

BUTTER.

Substance.	Dealer.	Refract.
Butter (Turlock)	Golden Gate Park, Children's Playground	42.4
Butter	W. B. Promteu	42.5
Butter	Mrs. Odell	42.7
Alpine Butter	Mrs. Odell	42.6
Humboldt Butter	Mrs. Odell	42.9
Creamery Butter	Mrs. Odell	43.2
Creamery Butter	Mrs. Odell	43.2
Isleton Butter	Mrs. Odell	43.4
Butter	F. Wheeler, 1173 McAllister	41.5
Butter	Mrs. Kahn, 872 Clayton	.....
Butter	Mrs. H. Hoffonu	.....
Butter	Mrs. Warmer	.....
Butter	Mrs. Thomas Barton	.....
Butter	Mrs. A. M. Cudworth	.....
Butter	Mrs. Snyder	.....

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EGGS.

Substance.	Dealer.	Remarks.
Eggs	L. Zukerberg, 1547 Ellis	Eggs were decomposed.
Eggs	Dolores Prod. Co.	Storage eggs.
Eggs	M. Crost	Storage eggs.
Eggs	Stolz & Gatzerc, 581 Hayes	Storage eggs.
Eggs	M. Prost, 350 Third St.	Appeared to be incubator eggs.

FLOUR.

Substance.	Dealer.	Gluten M'st.
Flour	Relief Home	38.7
Flour	Relief Home	38.9
Flour	Relief Home	33.6
Flour	Relief Home	32.0

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HAMBURG STEAK.

Dealer.	Artificial Coloring.	Preservatives.
Thompson's Market, 84 Market St.	None	None
J. Mazen, 1816 Market St.	None	None
J. P. Hahn, 1612 Market St.	None	None
Mrs. Strause, 970 Market St.	None	None
Lesser Bros., 947 Market St.	None	None
Lesser Bros., 947 Market St.	None	None
H. Broed, 751 Market St.	None	None
F. Tuik, 133 Drumm St.	None	None
Weishheimer, 80 Market St.	None	None
W. W. Thompson, 86 Market St.	None	Sulphites
H. Rosenthal, 160 Sixth St.	None	None
Swansen Bros., 353 Fifth St.	None	None
Jose Battgenach	None	None
S. Shapiro, 466 Third St.	None	None
Osewald & Martinelli	None	None
Kunnelke & Frische, 519 Second St.	None	None
J. Boujagian, 207 Fourth St.	None	None
J. O'Day, 210 Fourth St.	None	None
J. Sackellarian, 294 Fourth St.	None	None
J. George, 763 Howard	None	None
A. Oswald, 303 Third St.	None	None
Shapiro, 468 Third St.	None	None
J. Pistas, 374 Third St.	None	None
H. Rosenthal, 150 Sixth St.	None	None
Giovanetti & De Martini	None	None
Lazzareschi & Giovannini	None	None
J. Donald & Co.	None	None
A. Stolz, 1425 Third St.	None	None
Man Gong & Co., 1100 Grant Ave	None	None
Combey & Co., 24 Clay St.	None	None
J. Catechi, 55 East St.	None	None
Sheuson's Market, 1053 McAllister St.	None	None
J. Deschler, 1331 Buchanan	None	Sulphites
Mozern Market, 1154 McAllister	None	Sulphites
Y. Torre & Co., 1552 Grant Ave	None	None
J. Parini, 1248 Stockton St.	None	None
A. Devoto, 1441 Stockton St.	None	None
B. Verssaloville, 21 Mission St.	None	None
Mead's Restaurant, 14 East St.	None	None
S. Argio, 59 East St.	None	None
J. N. Drouch, 29 East St.	None	None
M. Strause, 968 Market St.	None	None
G. Buttens, 160 Third St.	None	None
J. B. Gaffney, 1369 Folsom St.	None	None
G. Pfeiffer, 1603 Folsom St.	None	None
J. Hoffiman	None	None
Taffi & Tenuy, 3299 Sixteenth St.	None	None
W. E. Seffrin, 3177 Sixteenth St.	None	None
C. H. Ford, 3153 Sixteenth St.	None	None
A. Sweeny, 3065 Sixteenth St.	None	None

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HAMBURG STEAK.—Cont'd.

Dealer.	Artificial Coloring.	Preservatives.
B. Brunivin, 141 Steiner	None	Sulphites
A. Roney, 1543 Haight St.	None	None
A. Pfandler, 1451 Haight St.	None	None
G. Nolthenius, 1428 Devis St.	None	None
F. Tescher, 728 Church St.	None	None
Al L. Devoto, 1441 Stockton St.	None	None
L. Hieni, 416 Mission	None	Sulphites
Mrs. Strause, 970 Market	None	None
Mrs. Strause, 970 Market	None	None
Lesser Bros., 947 Market St.	None	None
Lesser Bros., 947 Market St.	None	None
A. H. Brod Co., 951 Market St.	None	None
L. Gottesaman, 1608 Ellis St.	None	Sulphites
Baumgarten Bros., 1495 Ellis St.	None	None
H. Wood, 1154 Waller St.	None	None
F. Pedelie, 1170 Powell St.	None	None
Roltyen & Kupser, 1319 Pacific St.	None	None
Masson & Barsotthim, 930 Valencia St.	None	Sulphites
Weisheimer & Coolidge, 80 Market St.	None	Sulphites
F. Finke, 131 Drumm St.	None	None
Oswald & Martinelli, 702 Third St.	None	None
Shapiro, 468 Third St.	None	None
Pacific Pack. Co., 456 Fourth St.	None	None
Werset & Huber, 363 Fifth St.	None	None
Bullis Bros., 303 Fifth St.	None	None
Rosenthal, 156 Fifth St.	None	None
R. Klenkhart, 139 Fifth St.	None	None
St. Francis Market, 1446 Fillmore	None	None
Shenson, 1063 McAllister	None	None
Berset Bros., 1412 Fillmore St.	None	None
Pon Sang Co., 1067 Grant Ave.	None	Sulphites
Wo Sang, 1109 Grant Ave.	None	None
Man Lung & Co., 1116 Grant Ave.	None	None
Qwong Lung & Co., 1142 Grant Ave.	None	None
E. Cords, 177 Broad St.	None	None
F. Deller, 406 Mission Road	None	None
Lyons Bros., 392 Valencia St.	None	None
J. Fisher, 789 Mission St.	None	None
B. Georgis, 783 Mission St.	None	None
H. Heuner, 3368 Mission St.	None	None
Mrs. Mansfield, 2482 Mission St.	None	Sulphites
Yick Sang, 1042 Grant Ave.	None	None

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FRANKFURTERS

Dealer.	Artificial Coloring.	Preservatives.
Sefrin, 3177 Sixteenth St.	None	None
J. Lyons, 1171 Folsom St.	None	None
J. B. Gastondiek, 1369 Folsom St.	None	None
Tassi & Tenny, 3299 Sixteenth St.	None	None
A. Chiesa & Sons, 396 Broadway St.	None	None
N. Cereghino, 1310 Grant Ave	None	None
J. Patoria, 1414 Grant Ave	None	None
Rolfjen & Kupfer, 1390 Pacific St.	None	None
Pacific Pack. Co.	None	None
Klenkhard, 559 Sixth St.	None	None

SAUSAGE.

Dealer.	Artificial Coloring.	Preservatives.
J. Buttenbach, Fourth and Shipley Sts	None	None
Kunuelke & Frische, 519 Second St.	None	None
H. Brode, Inc., 751 Market St.	None	None
Lesser Bros., 877 Market St.	None	None
Lesser Bros., 947 Market St.	None	None
Mrs. M. Strause, 970 Market St.	None	None
Selinger & Co., 892 Valencia St.	None	None
Selinger & Co., 892 Valencia St.	None	None
J. Weihman, 2038 Mission	None	None
Achiesa	None	None
W. Brigbach, 2096 Sixteenth St.	None	None
A. Kohn, 850 Divisadero St.	None	None
H. Shelly, 456 Divisadero St.	None	None
F. Guiliani, 742 Divisadero St.	None	None
Muller & Co., 264 Haight St.	None	None
J. N. Nolodan, 486 Haight St.	None	None
Hahn & Fox, 1612 Market St.	None	None
Mrs. Kaill, 260 Divisadero St.	None	None
Harry Myers, 2819 Sixteenth St.	None	None
C. H. Ford, 3681 Sixteenth St.	None	None
F. Fischer, 3361 Sixteenth St.	None	None
A. J. Romur, 1543 Haight St.	None	None
L. C. Rossi, 108 Waller St.	None	None
L. C. Rossi, 108 Waller St.	None	None
A. Pfandler,	None	None
Stoltz, 1377 Haight St.	None	None
W. Berizer, 305 Divisadero St.	None	None
H. G. Shelly, 466 Divisadero St.	None	None
Luchman & Martin, 599 Divisadero St.	None	None
G. Noltherins, 1248 Divisadero St.	None	None

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SAUSAGE.—Cont'd.

Dealer.	Artificial Coloring.	Preservatives.
A. Auslerolz, 1996 Polk St.	None	None
Lesser Bros., 947 Market St.	None	None
Lesser Bros., 877 Market St.	None	None
A. H. Brod Co., 757 Market St.	None	None
A. Band, 2823 Mission St.	None	None
M. Cereghino, 1310 Grant Ave.	None	None
Del Peio, 1506 Grant Ave.	None	None
El Torre, 1562 Grant Ave.	None	None
Pe Lo Simi & Son, 729 Columbus Ave.	None	None
Pedelie, 1170 Powell St.	None	None
Pedelie, 1170 Powell St.	None	None
Rollyen & Kupfer, 1390 Pacific St.	None	None
Weisheimer & Cullen, 80 Market St.	None	None
Pacific Pack. Co.,	None	None
H. Rosenthal, 156 Sixth St.	None	None
Klenkhard, 139 Sixth St.	None	None
H. Repen, 206 Plymouth St.	None	None
R. Young, 1260 Hyde St.	None	Sodium Benzoate
W. Flood, 2806 Mission St.	None	Sodium Benzoate

CHOPPED MEATS.

Dealer.	Artificial Coloring.	Preservatives.
A. Sweeny, 3055 Sixteenth St.	None	None
A. Sweeny, 3055 Sixteenth St.	None	None
Tassi & Tey, Sixteenth and Dolores	None	None
Tuommer & Fischer, 1789 Mission St.	None	None
Tuommer & Fischer, 1789 Mission St.	None	None
J. Nowlan, 494 Haight St.	None	None
R. J. Becker, 397 Haight St.	None	None
H. Slolz, 1377 Haight St.	None	None
Hahn & Fox, 1612 Market St.	None	None
A. J. Romey, 1547 Haight St.	None	None
Pow Sang & Co., 1067 Grant Ave.	None	None
Yick Sang & Co., 1600 Grant Ave.	None	None
Kwong Wong, 15 Washington Alley	None	None
Wo Lung & Co., 1609 Grant Ave.	None	None
Berkert, 1730 Fillmore St.	None	Sulphites
J. Clauz, 1919 Fillmore St.	None	None
Bechlesen, 2010 Fillmore St.	None	None
W. Adams, 1084 Howard St.	None	None
W. Adams, 1084 Howard St.	None	None
A. Moiser, 57 Sixth St.	None	None
McKivin & Tunney, California Market	None	None
G. Bard, 1211 Stockton St.	None	Sulphites
J. P. Kobosh, 573 Pacific St.	None	Sulphites

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CHOPPED MEATS.—Cont'd.

Dealer.	Artificial Coloring.	Preservatives.
Nick Borvos, 627 Pacific St.	None	Sulphites
T. Kapotis, 349 Pacific St.	None	Sulphites
Hop Kee & Co., 652 Pacific St.	None	None
Catz & McClaue, 244 Fillmore St.	None	None
W. F. Roberts, 2847 California St.	None	None
Lesser Bros., 947 Market St.	None	None
Lesser Bros., 947 Market St.	None	None
M. M. Lesser, 877 Market St.	None	None
M. M. Lesser, 877 Market St.	None	None
A. H. Brod, 751 Market St.	None	None
S. Cassinius, 38 East St.	None	None
P. Theodore, 142 East St.	None	Sulphites
D. Jacks, 152 East St.	None	Sulphites
S. Kassau, 2740 Mission St.	None	None
E. B. Vecchio, 2659 Mission St.	None	None
A. Kratz, 2492 Mission St.	None	None
A. Kratz, 2492 Mission St.	None	None
F. R. Runde, 3160 Mission St.	None	None
P. Michlette, 512 Davis St.	None	None
A. Block, 1825 Fillmore St.	None	None
J. Bochold, 1440 Fillmore St.	None	None
Carl Earlhard, 1518 Fillmore St.	None	None
M. Cazanies, 1532 Fillmore St.	None	None
Man Lung & Co., 1100 Grant Ave.	None	None
M. M. Lesser, 877 Market St.	None	None
M. M. Lesser, 877 Market St.	None	None
F. Fisher, 3131 Sixteenth St.	None	None
A. A. Sweeny, 3055 Sixteenth St.	None	None
A. Pfdauder, 1457 Haight St.	None	None
A. J. Roomey, 1542 Haight St.	None	None
W. Geschaift, 1544 Mission St.	None	None
A. Kratz, 2492 Mission St.	None	None
C. Fritz, 3208 Mission St.	None	None
H. H. Hop Kee, 1002 Grant Ave.	None	Borates
Yick Sang, 1060 Grant Ave.	None	None
Pon Sang	None	None

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BRINES FOR PRESERVING MEATS.

Substance.	Dealer.	Preservatives.
Corn Beef Brine	W. M. Hoser, 42 Golden Gate Ave	No illegal preservative
Brine	J. B. Gaffey, 1316 Folsom St	Salt
Meat Preservative	B. Diunience, 141 Steiner	Mostly sulphites
Brine	A. J. Roney, 1543 Haight St.	Salt
Brine	L. C. Rossi, 108 Waller St.	Salt
Brine	B. Groce, 1519 Haight St.	Salt
Brine	P. Sweeney, 2128 Market St.	Salt
Brine	S. Franischini, 403 Broderick St.	Salt
Brine	O. Leuie, 1462 Grant Ave	Salt
Meat Preservative	L. Heinie, 416 Mission St.	Salt and Saltpetre
Meat Preservative		Salt and Saltpetre
Washing Water	From Meat Packing House	

DISINFECTANTS.

Substance.	From City Supply Department.	Miscibility.
Antiseptic Liquid (P. D. & Co.)	From City Supply Department	In all proportions
Kreol (H. K. Mulford)	From City Supply Department	23 parts to 100 water
Elitoneonicide (S. Chem. Co.)	From City Supply Department	Immiscible water
Sanitary Fluid	From City Supply Department	35 parts to 100 water
Kreso	From City Supply Department	14 parts to 100 water
Cresoline (L. & M. Co.)	From City Supply Department	38 parts to 100 water
R. R. Roger's Disenfectant (1879)	From City Supply Department	All proportions
R. R. Roger's Disenfectant (1880)	From City Supply Department	60 parts to 100 water

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BLANKETS.

Substance.	From City Supply Department.	Wool %
Gray Blanket	From City Supply Department	16.4
Gray Blanket	From City Supply Department	70.0
Gray Blanket	From City Supply Department	63.4
Gray Blanket	From City Supply Department	64.2
Gray Blanket	From City Supply Department	66.3
Gray Blanket	From City Supply Department	64.5
Gray Blanket	From City Supply Department	66.1
Gray Blanket	From City Supply Department	76.7
Gray Blanket	From City Supply Department	60.5
Gray Blanket	From City Supply Department	61.8
Gray Blanket	From City Supply Department	62.9
Gray Blanket	From City Supply Department	64.7
Gray Blanket	From City Supply Department	64.3
Gray Blanket	From City Supply Department	74.2
White Blanket	From City Supply Department	38.2
White Blanket	From City Supply Department	42.5
White Blanket	From City Supply Department	34.8
White Blanket	From City Supply Department	28.4
White Blanket	From City Supply Department	40.9
White Blanket	From City Supply Department	29.0
White Blanket	From City Supply Department	69.1
White Blanket	From City Supply Department	58.3

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TOXICOLOGICAL.

Substance.	Submitted by.	Results.
Unknown Substance	Dr. Telfer	Potassium Chromate
Coffee	Mrs. Lambert	No poisons
Unknown Substance	Police Department	Soap Solution
Cabbage Extract	Mrs. Frank Miller	No poisons
Unknown Fluid	James Sweeney	
Soup	M. N. Coffey	No poisons
Unknown Liquid	Police Department	Chloroform
Unknown Substance	S. Campbell	Finely ground cereal
Unknown Substance	Police Department	Cocaine
Unknown Substance	Police Department	Strychnine
Coffee	Mrs. A. Anderson	No poisons
Tea	Charles Fisher	No poisons
Unknown Substance (Capsules)	S. H. Goldstein	Atropine present
Tea	Mrs. Lambert	No poisons
Dog Food	Jos. Gamble	No poisons
Breakfast Food	Mrs. T. F. Diengan	No poisons
Bread	Frank Litner	No poisons
Meat	Police Department	Strychnine
Liquid	Police Department	No abortives present
Liquid	Police Department	No abortives present
Unknown Substance	Police Department	Ammonium valerianate
Meat	Police Department	Strychnine abundant
Powders	Police Department	
Clothes	Police Department	Blood stains
Sherry Wine	Police Department	No poisons
Bedclothes and Clothing	Police Department	Blood stains

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City and County Hospital

City and County Hospital, July 1, 1912.

To the Honorable, the Board of Health,
City and County of San Francisco.

Gentlemen:—I have the honor to submit in the following pages the report of the City and County Hospital for the Fiscal Year 1911-12.

Respectfully submitted,
C. M. WOLLENBERG,
Supt. City and County Hospital.

RESIDENT STAFF.

C. M. Wollenberg, Superintendent.
Wm. C. Mackintosh, M. D., Resident Physician.

HOUSE PHYSICIANS AND SURGEONS.

J. B. Blackshaw, M. D.
C. B. Caldwell, M. D.
R. W. Hartwell, M. D.
R. Brown, M. D.
W. W. Naylor, M. D.
J. Visalli, M. D.
W. H. Campbell, M. D.
C. T. Bullard, M. D.
M. J. Seid, M. D.
T. E. Grubbs, M. D.

Daisy G. Harlen, Supt. of Nurses.
C. P. H. Clasby, Commissary Clerk.
Geo. J. Plato, Secretary Clerk.
M. A. Flynn, Recording Clerk.
F. S. Ream, Apothecary.
F. S. Marshall, Chef.
Jos. Tomalty, Warehouseman.

VISITING STAFF, CITY AND COUNTY HOSPITAL, 1911-12.

UNIVERSITY OF CALIFORNIA.

Internal Medicine—Dr. William Watt Kerr. Assistants: Dr. Geo. E. Ebright, Dr. Milton S. Lennon, Dr. Wilfred F. Beerman, Dr. Paul Castlehun.
Surgery—Dr. Wallace I. Terry. Assistant: Dr. Leo Eloesser.
Gynecology—Dr. Chas. A. Von Hoffman. Assistant: Dr. Wm. C. Moore.
Pediatrics—Dr. Wm. B. Lewett.
Obstetrics—Dr. Alfred B. Spaulding.
Diseases of the Eye—Dr. Carl S. G. Nagel, Dr. Walter Scott Franklin. Assistant: Dr. Edgar W. Alexander.
Diseases of the Ear—Dr. Albert J. Houston.
Genito-Urinary Surgery—Dr. John C. Spencer. Assistant: Dr. W. P. Willard.

HAHNEMANN MEDICAL COLLEGE.

Medicine—Dr. T. G. McConkey, Dr. Guy E. Manning. Assistant: Dr. O. G. Freyermuth.
Surgery—Dr. E. R. Bryant. Assistant: Dr. R. F. Tomlinson.
Abdominal Surgery and Gynecology—Dr. James Ward, Chief. Assistants: Dr. A. J. Minaker, Dr. L. B. Hurd.
Specialists: Pediatrics—Dr. Guy E. Manning.
Obstetrics—Dr. Gates Bennett.
Genito-Urinary Diseases—Dr. C. B. Pinkham.
Ear, Eye, Nose and Throat—Dr. A. C. Peterson, Chief. Assistant: Dr. E. L. Fassett.
Tuberculosis Service—Dr. I. C. Gobar.
Official Anaesthetist—Dr. E. H. Howell.

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COOPER MEDICAL COLLEGE.

Surgery—Dr. Emmet Rixford, Chief. Dr. Sol Hyman, Assistant.
Gynecology—Dr. G. B. Somers, Chief. Dr. F. Topping, Assistant.
Genito-Urinary Surgery—Dr. R. L. Rigdon, Chief.
Opthal., Rhin., Laryngol., Otol.—Dr. E. C. Seawell, Chief. Dr. E. D. Downing, Assistant.
Clinical Medicine—Dr. J. O. Hirschfelder, Chief. Dr. J. B. Frankenheimer, Assistant; Dr. M. R. Gibbons, Assistant.
Pathology—Dr. Wm. Ophuls, Chief. Dr. E. C. Dickson, Assistant.

COLLEGE OF PHYSICIANS.

Medicine—Prof. Sydney R. Dannenbaum; Prof. Bertram Stone; Dr. O. P. Stowe, Assistant Visiting Physician.
Surgery—Prof. Geo. Childs MacDonald, Prof. Ethan H. Smith, Prof. Geo. W. Goodale, Prof. Alfred Newman.
Abdominal Surgery and Gynecology—Prof Winslow Anderson, Prof. Bertha Wagner-Stark, Prof. L. W. Spriggs, Prof. R. Cadwalader.
Ear, Eye, Nose and Throat—Prof. W. F. Southard, Prof. O. C. Southard.
Obstetrics—Prof. R. Cadwallader.

SAN FRANCISCO POLYCLINIC.

Medicine—Dr. D'Arcy Power, Dr. P. K. Brown, Dr. L. D. Mead, Dr. L. S. Mace, Dr. H. I. Weil.
Surgery—Dr. C. G. Levison, Dr. Tracy Russell, Dr. H. A. L. Ryfkogel, Dr. G. M. Barrett, Dr. H. E. Castle, Dr. L Eloesser, Dr. J. H. Legris.
Gynecology—Dr. F. B. Carpenter, Dr. A. J. Lartigau, Dr. W. P. Harvey.
Pediatrics—Dr. R. K. Smith.
Genito-Urinary—Dr. M. Molony, Dr. J. B. Hanna, Dr. H. Somers.

Ear, Nose, Throat—Dr. C. F. Welty, Dr. H. Horn, Dr. Jno. J. Kingwell.
Eye—Dr. Hulen.

REPORT OF SUPERINTENDENT.

FINANCIAL.

The Board of Supervisors set aside the sum of $186,000.00 for the use of the City and County Hospital for the year 1911-12. On taking charge of the Hospital on February 1, 1912, I found a deficit of approximately $3,000.00.

This deficit has been overcome during the 5 remaining months by the removal of all unnecessary employees and the end of the fiscal year saw a surplus of about $400. (The first year this has occurred.)

The reduction of employees worked to the benefit of the institution, as those removed were men who had been sent to the Hospital through political influence and rendered very little service.

The cost per patient per day from July 1, '11, to February 29, '12, including Tubercular and Contagious Cases, was .974. Since February 29, '12, the Tubercular and Contagious Cases have been maintained by separate funds. The cost of maintenance in the Hospital shows an increase to $1.013 per patient owing to changes in diet and increase of nursing staff from 50 to 70 pupil nurses.

In connection with the daily cost per patient it is interesting to note the amount spent by San Francisco is less than that spent by any city (See list of other hospitals attached.)

MEDICAL STAFF.

The House Staff, all young men, are energetic and efficient.

The Visiting Staff consists of the teachers of the various Medical Colleges and the patients are divided equally among them. This system is hardly fair to the patients; if the Chiefs are dilatory the patients are in the hands of young internes and sometimes do not receive proper or effective treatment. This is

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particularly true in the medical wards. If you will turn to the Record of Visits paid by the Chief and assistants of the various staffs you will note the following in detail:

Service	No. of Beds (Medical Cases)	No. of Visits Paid by Medical Chiefs and Assistants from Oct. 1, '11, to June 30, '12 (nine months).
Stanford Univ.	43	297
Univ of Calif.	43	268
P. & S. College	43	39
Hahnemann College	43	125
S. F. Polyclinic	29	80

The College of Physicians & Surgeons has as many patients as Stanford, U. C. or Hahnemann.

With 43 patients the Medical Staff of above College visited the Hospital as follows:

Oct. 8 times; Nov. 9 times; Dec. 2 times; Jan. 4 times; Feb. 3 times; Mar. 3 times; Apr. 4 times; May (NOT AT ALL); June 4 times.

I do not believe the patients of the City and County of San Francisco should be treated in this manner and would recommend that the medical cases now assigned to the College of Physicians & Surgeons be divided among the other teaching bodies.

NURSING STAFF.

I believe the Nursing Force of this Hospital to be on a par with similar public hospitals elsewhere. We need more nurses but lack quarters for any increase in the present force. The number of Pupil Nurses has been increased from 50 to 70 during the last 5 months.

DIET.

A comparison with the food furnished by a number of private hospitals in this city, both to employees and patients, shows that the diet is as good as issued in any.

I would recommend the appointment of a Dietician for teaching purposes. This person should be both a nurse and a cook and should be qualified to lecture to the pupil nurses on food values and diet. To appoint some one to this position who has not received special training for the work is to waste the city's money.

BUILDING AND GROUNDS.

The Infirmary Building, now used as a City and County Hospital, was occupied for the first time on May 15, 1911. After 15 months' occupancy it has the appearance of an old, delapidated building.

This is owing to a mistake in the design of the partition walls and to poor material used in the plaster. All this work will have to be done over and I would recommend that the Board of Works be requested to estimate the cost of putting in new partition walls.

The exterior of the building is in excellent condition.

The grounds have been laid out in lawns and gardens and in a short time will be very beautiful.

REMARKS AND RECOMMENDATIONS.

The most expensive cases for the Hospital are the venereal patients. This through the expense of the various biological products and vaccines used in the treatment of Gonorrhea, also the expense of Salvarsan.

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I mention this because the Boston City Hospital will not admit any person having acute venereal disease or suffering from alcoholism. During the past fiscal year we had the following cases:

	No. of Patients	No. Days Treated
Gonorrhea, Acute	39	685
Gonorrhea, Chronic	17	1931
Gonorrheal Arthritis	24	1153
Syphilis	182	5080
Alcoholism	66	1035

This exclusive of the many other diseases attributed to the above.

There has been collected from patients since Feb. 1, '12, the sum of $1,238.49; of this the Municipal Clinic contributed $462.18 for the care of women suffering from various diseases.

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COMPARATIVE HOSPITAL STATISTICS.

HOSPITAL.	Daily Average Patients	Daily Average Officers and Employees	Total Expense per patient per day	Number of Nurses	Population of City	Total Amt Expended for year	Am't of Total Allowed for Salaries	Public or Private
Johns Hopkins, Baltimore, Md.	274.4	350	$3.61	225	558,485	$ 361,155.54	$126,105.49	Private
German Hospital, San Francisco	166.	145	3.44	75	475,000	208,813.56	62,742.30	Private
St. Luke's Hospital, San Francisco	54.30	77	3.27	37	475,000	64,939.64	22,436.15	Private
Presbyterian Hospital, New York	218.	.....	3.08	108	4,000,000	318,131.55	140,000.00	Private
Massachusetts Gen., Boston	448.	.....	2.65	191	600,000	392,211.79	.....	Priv. & Public
Wesley Hospital, Chicago, Ill.	150.	98	2.65	99	2,000,000	144,031.84	.....	Priv. & Public
Lakeside Hospital, Cleveland, O.	222.5	375	2.50	110	560,663	205,081.76	76,579.93	Private
The Grace Hospital, Detroit, Mich.	160.	175	2.45	90	500,000	116,999.17	32,000.00	Public
Lane Hospital, San Francisco	119.	129	2.40	70	475,000	110,000.00	35,000.00	Priv. & Public
The Hospital of the Protestant Episcopal Church, Philadelphia, Pa.	298.5	275	2.22	95	2,500,000	245,761.05	60,010.00	Private
The Roosevelt Hospital	203.	277	2.20	107	4,000,000	214,414.94	94,638.00	Private
Bellevue & Allied Hospitals, New York	1609.	1386	2.04	300	4,000,000	1,248,960.25	519,745.91	Public
State Hospital, Scranton, Pa.	117.	108	2.03	47	129,000	86,814.20	28,275.40	Public
Maine Gen. Hospital, Portland, Maine	107.57	103	1.93	56	50,000	75,851.83	21,654.50	Private
Winnipeg Gen. Hospital, Winnipeg	300.8	.....	1.90	115	150,000	209,072.82	79,048.91	Public
Mass. Homoepathic Hospital, Boston	260.	270	1.89	112	600,000	184,999.98	65,407.10	Public & Priv.
The Boston City Hospital, Boston	754.	570	1.774	163	600,000	551,538.93	245,085.36	Public
Paterson Gen. Hospital, New Jersey	96.5	80	1.70	43	125,000	64,845.06	22,414.02	Public
New Haven Hospital, New Haven, Conn.	157.14	175	1.47	61	140,000	104,263.07	34,748.64	Public
Cincinnati Hospital, Ohio	707.	266	1.12	98	378,758	288,393.22	96,998.25	Public
City & Co. Hospital, St. Paul, Minn.	884.	177	1.03	90	215,000	143,743.08	.....	Public
Cook. Co. Hosp. (1908), Chicago, Ill.	1303.	.....	1.02	.....	.....	.....	.....	Public
City Hospital, Blackwells Is., N. Y.	703.	250	1.00	113	4,000,000	257,352.16	70,958.82	Public
City & County Hospital, San Francisco	361.38	168	.99	70	475,000	168,033.08	70,095.55	Public

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NUMBER OF VISITS OF PHYSICIANS AND SURGEONS FROM OCTOBER 1911 TO JUNE 30, 1912, INCLUSIVE.

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
Hahn—										
Dr. McConkey (Med)	4	0	0	0	0	0	0	0	0	4
Dr. Manning (Med)	6	6	4	5	4	3	0	0	1	29
Dr. Freyermuth (Med)	3	9	4	5	2	9	8	7	7	54
Dr. Fassett (Med)	0	7	7	7	6	7	7	4	2	47
Dr. Ward (Surg)	4	4	6	2	1	2	6	6	3	34
Dr. Bryant (Surg)	7	9	8	8	8	9	9	5	5	68
Dr. Tomlinson (Surg)	1	2	2	1	0	0	0	1	5	12
Dr. Minaker (Surg)	6	1	3	4	3	1	2	2	4	26
Dr. Watkins (Surg)	4	0	1	0	0	2	0	3	0	10
Dr. Howell (Obs)	0	0	1	0	0	0	0	1	1	3
Dr. Bennett (Obs)	2	1	0	0	0	0	0	0	0	3
Dr. Pinkham (G U)	5	3	3	2	3	0	4	1	1	22
U. C.—										
Dr. Kerr (Med)	21	20	18	1	0	7	5	20	14	106
Dr. Ebright (Med)	10	8	12	22	17	18	16	10	30	143
Dr. Castlehun (Med)	5	5	1	0	0	2	2	0	0	15
Dr. Beerman (Med)	2	2	0	0	0	0	0	0	0	4
Dr. Terry (Surg)	9	8	4	7	7	9	7	1	0	52
Dr. Eloesser (Surg)	22	25	26	21	17	30	30	30	30	231
Dr. Bunnel (Surg)	3	3	2	0	2	5	5	1	0	22
Dr. Howe (Surg)	7	9	2	2	1	0	5	3	5	34
Dr. VonHoffman (Gyn)	8	7	4	5	6	5	8	0	0	43
Dr. Moore (Gyn)	3	2	0	1	2	1	1	11	8	28
Dr. Lennon (Spec)	4	3	0	2	0	0	0	1	3	13
Dr. Nagle (Spec)	3	3	12	2	0	0	0	0	0	22
Dr. Davenport (X-Ray)	1	25	16	16	12	16	11	14	6	127
Dr. Willard (G U)	0	3	2	2	1	1	1	3	6	19
Dr. Lewitt (Pediatrics)	0	5	7	3	0	0	0	0	0	15
Dr. Franklin (Spec)	0	0	0	4	5	4	2	2	4	21
Dr. Breitstein (Obs)	0	0	0	0	0	0	0	0	1	1

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NUMBER OF VISITS OF PHYSICIANS AND SURGEONS FROM OCTOBER 1911 TO JUNE 30, 1912, INCLUSIVE.—Continued.

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Total
Cooper—										
Dr. Hirschfelder (Med)	23	18	23	23	24	22	30	30	30	223
Dr. Frankenheimer (Med)	17	16	17	16	8	0	0	0	0	74
Dr. Rixford (Surg)	4	6	6	5	5	9	6	0	0	41
Dr. Hyman (Surg)	19	19	21	21	18	16	17	14	12	157
Dr. Rigdon (G U)	0	0	0	1	0	0	0	2	1	4
Dr. Godney (G U)	0	0	0	0	0	3	13	12	16	44
Dr. Topping (Gyn)	5	3	6	11	8	7	9	5	6	60
Dr. Beasley (Gyn)	0	0	0	0	3	3	4	6	2	18
Dr. Ophuls (Path)	5	6	6	7	7	8	5	3	4	51
Dr. Gray (Obs)	0	0	2	0	0	0	0	0	0	2
Dr. Downing (Spec)	0	0	0	0	0	1	2	0	0	3
Poly—										
Dr. Brown (Med)	6	4	4	1	0	0	0	0	0	15
Dr. Power (Med)	0	0	0	0	0	0	0	4	4	8
Dr. Mead (Med)	3	4	4	0	0	0	0	0	0	11
Dr. Weil (Med)	0	0	0	0	6	5	0	0	0	11
Dr. Mace (Med)	0	0	0	6	11	8	9	1	0	35
Dr. Levison (Surg)	0	0	1	0	0	0	0	1	5	7
Dr. Ryfkogel (Surg)	0	6	4	7	11	0	0	0	1	29
Dr. Russell (Surg)	4	0	1	0	0	0	0	0	0	5
Dr. Castle (Surg)	0	4	9	8	9	1	1	7	3	42
Dr. Feely (Surg)	0	0	0	2	4	0	0	0	0	6
Dr. Barrett (Surg)	0	0	0	0	0	5	15	14	30	64
Dr. Legris (Surg)	0	0	0	0	0	1	0	3	2	6
Dr. Somers (G U)	3	2	7	17	14	30	30	30	30	163
Dr. Hannah (G U)	0	0	0	1	0	1	0	0	0	2
Dr. Molony (G U)	0	0	0	0	0	0	0	0	1	1
Dr. Carpenter (Gyn)	0	0	0	0	0	0	0	2	0	2
Dr. Lartigau (Gyn)	0	0	0	0	0	0	0	4	11	15
Dr. Harvey (Gyn)	0	0	0	0	0	0	0	2	2	4

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Dr. Welty (Spec)	2	2	10	6	0	0	1	0	0	21
Dr. Kingwell (Spec)	0	0	0	0	0	0	0	0	1	1
Dr. Hulen (Spec)	0	0	2	5	8	10	9	2	10	46
Dr. Horn (Spec)	0	0	0	2	9	13	9	9	30	72
P. & S.—										
Dr. MacDonald (Surg)	8	8	7	12	13	10	8	8	14	88
Dr. Goodale (Surg)	4	7	9	10	8	4	6	7	6	61
Dr. Newman (Proct)	4	5	3	6	4	3	6	5	5	41
Dr. Dannenbaum (Med)	6	6	2	1	2	3	2	0	2	24
Dr. Stone (Med)	2	0	0	0	0	0	0	0	0	2
Dr. Herrington (Med)	0	0	0	0	0	0	0	0	2	2
Dr. Stowe (Med)	0	3	0	3	1	1	3	0	0	11
Dr. Anderson (Gyn)	1	1	0	0	0	0	0	0	0	2
Dr. Stark (Gyn)	6	7	3	3	5	0	0	0	0	24
Dr. Gray (Obs)	0	0	2	0	0	0	0	0	0	2
Dr. Silverberg (G U)	6	5	6	3	0	4	2	9	5	40
Dr. Cadwalader (Obs)	0	0	0	0	0	30	14	9	6	59
Dr. Southard (Spec)	0	0	0	0	0	2	1	0	4	7
Dr. Smith (Orthoped)	4	6	4	6	6	5	5	6	7	49
Dr. Brown (Gyn)	0	0	0	0	0	0	0	0	1	1

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SAN FRANCISCO TRAINING SCHOOL FOR NURSES, CITY & CO. HOSPITAL.

The following is the report of the twenty-first year of the S. F. Training School for Nurses.

	Remaining June 30 '11	Entered	Transferred to	Graduated	Resigned	Dismissed	Transferred from	Post Graduates Finished	Died	Graduates Transferred	Remaining June 30 '12
Graduates	9	3								5	7
Third Year Pupils	0		8	1							7
Seniors	18		24	17	1		8		1		15
Juniors	5	20	28		5	2	24				22
Probationers	18	29			3		28				16
Post Graduate Nurses	0	4						1			3
Total	50	56	60	18	9	2	60	1	1	5	70
Report 4th year of T. S. for Orderlies—											
Graduates	0										
Seniors	2		5	3							4
Juniors	2		7				5				4
Intermediates	4	11			6	1	7				4
Total	8	11	12	3	6	1	12				12

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Instruction has been given in the following subjects during the year.

Fever Nursing:
1st Class, 14 lessons; Miss McGinnes.
2nd Class, 7 lessons; Miss McGinnes.
2nd Class, 5 lessons; Mrs. Harlan.
3rd Class, 14 lessons; Mrs. Harlan.

Practical Nursing:
1st Class, 12 lessons; Miss McGinnes.
2nd Class, 7 lessons; Miss McGinnes.
2nd Class, 5 lessons; Mrs. Harlan.
3rd Class, 16 lessons; Mrs. Harlan.

Physiology:
1st Class, 8 lessons; Dr. A. H. White.

Anatomy:
1st Class, 16 lessons; Dr. J. Blackshaw.

Materia Medica:
1st Class, 13 lessons; Dr. Naylor.

Bandaging:
1st Class, 6 lessons; Dr. E. H. Smith.

Practical Lab. Work:
1st Class, 2 lessons; Dr. Mackintosh.

Surgery & Materia Medica:
1st Class, 2 lessons; Dr. Mackintosh.

Obstetrics:
(Bedside Clinics)

To the S. F. Training School for Orderlies.

Bandaging:
1st Class, 6 lessons; Dr. E. H. Smith.

Practical Nursing:
1st Class, 12 lessons; Mrs. Harlan.

Fever Nursing:
2nd Class, 14 lessons; Mrs. Harlan.

Surgery & Materia Medica:
2nd Class, 8 lessons; Dr. Mackintosh.

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MOVEMENT OF POPULATION

STATEMENT OF PATIENTS ADMITTED, DISCHARGED AND DIED DURING FISCAL YEAR 1911-1912.—Infirmary Bldg.

	Admitted	Born	DISCHARGED													Died	Stillborn	Daily Average
			Cured	Improved	Unimproved	Own Request	Refused Treatment	Removed by Friends or Relatives	Insubordination	Commission	Referred to insanity	To Relief Home	Runaway	To Isolation Hosp.	To Tubercular Hosp.			
1911—																		
July	296	1	40	112	8	2	1				1	14	1			33		304.09
August	288	1	56	150	17	4	2						1			35	1	340.96
September	288	3	65	113	21	6					4		6			41	1	361.
October	258	2	59	171	16	6					2	2	2			37		364.67
November	253	5	51	147	25	8		1				2	6			49		342.5
December	300	4	56	135	12	2					1	6		1		54		340.51
1912—																		
January	293	5	67	144	16	2	1	3					4	7		56		351.25
February	223	4	35	146	6	4	1				1	5		5	1	36		346.06
March	278	8	47	146	14	2						1	6	8	3	32		348.02
April	262	7	61	148	9	2						10	4	3	3	26		368.46
May	267	3	58	122	16	3		4			3	16	4	1	10	25		371.38
June	235	6	67	146	16	2					3	8	2	3	3	38		357.46
	3241	49	657	1680	176	43	5	8		15	64	36	28	20	462	2		

Remaining in Hospital July 1, 1911	241
Admitted during year	3,241
Born during year	49
	3,531
Discharged and Died during year	3,196
Remaining in Hospital, June 30, 1912	335

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STATEMENT OF EXPENSES FOR THE FISCAL YEAR 1911-1912.

Administration—	
Salaries of Officers and Clerks	$ 6,327.50
Office Expenses	80.28
Professional Care of Patients—	
Salaries:	
Physicians	6,614.00
Graduate Nurses	7,543.35
Pupil Nurses	7,653.80
Orderlies	6,582.00
Surgical Instruments	1,686.24
Dispensary—	
Salaries	2,451.85
Supplies	13,332.69
Departments—	
Stable:	
Labor	2,499.20
Supplies	2,827.31
Housekeeping:	
Labor	4,448.20
Supplies	5,819.92
Kitchen:	
Labor	14,077.10
Supplies	161.35
Laundry:	
Labor	349.20
Washing	4,380.00
Stewards Department:	
Labor	3,250.00
Bread	3,224.57
Milk	11,130.61
Groceries	8,880.78
Butter and Eggs	19,265.63
Fruit and Vegetables	4,514.85
Meat and Fish	16,219.60
General House Expenses—	
Labor	5,744.85
Coal, Fuel Oil, Gasoline	3,323.13
Coal Oil, Lighting Supplies	243.86
Ice	421.60
Maintenance Grounds and Buildings—	
Labor	1,650.60
Supplies	1,505.31
Miscellaneous	283.05
	$166,402.43

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Maintenance (July 1, 1911 to Feb. 29, 1912)	$120,499.46
Subsistence (July 1, 1911 to Feb. 29, 1912)	47,322.83
Daily verage of Patients (July 1, 1911 to Feb. 29, 1912)	506.75
Daily Maintenance of Patients (July 1, 1911 to Feb. 29, 1912)	.974
Daily Subsistence of Patients (July 1, 1911 to Feb. 29, 1912)	.328
Maintenance (Mar. 1, 1912 to June 30, 1912 $45,902.97 less $1,236.10 allowed to Isolation Hospital	44,666.87
Subsistence (Mar. 1, 1912 to June 30, 1912) $15,913.21 less $1,156.10 allowed to Isolation Hospital	14,757.11
Daily Average No. Patients (Mar. 1, 1912 to June 30, 1912)	361.38
Daily Average No. Employees (Mar. 1, 1912 to June 30, 1912)	168.
Maintenance per Patient (Mar. 1, 1912 to June 30, 1912)	1.013
Subsistence per Patient (Mar. 1, 1912 to June 30, 1912)	.334
Subsistence per Person (Mar. 1, 1912 to June 30, 1912)	.228
Allowed Private Hospitals (July, August and September)	1,630.65
Total Expenditures for the Fiscal Year 1911-1912	$168,033.08

DRUG ROOM EXPENDITURES FOR YEAR 1911-1912.

Adhesive Plaster	$ 462.50
Alcohol	237.89
Biological Products	505.46
Cotton	711.60
Sputum Refills	802.20
Ether, Chloroform, Ethyl Chloride	200.40
Drugs	3,299.68
Gauze	1,783.92
Ligatures	270.61
Lint	631.00
Liquors	615.60
Oil Silk and Muslin	174.20
Rubber Gloves	538.60
Rubber Sundries	896.76
Sundries	1,454.99
Miscellaneous	747.28
	$13,332.69

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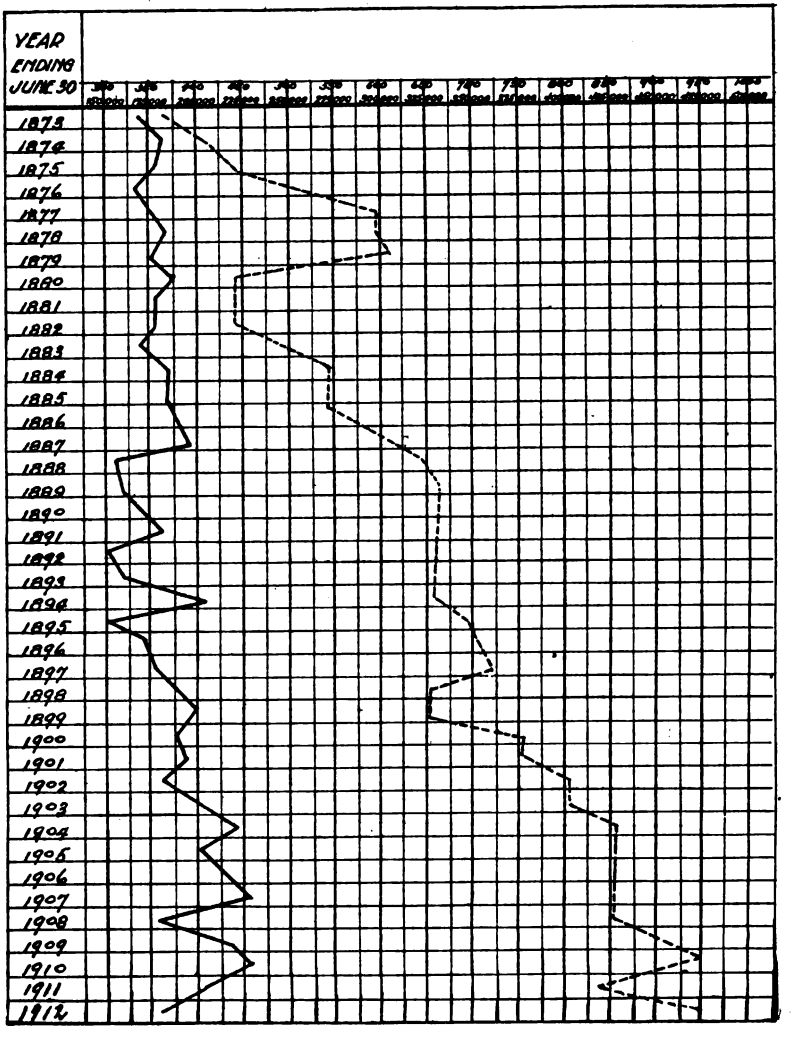
TABLE SHOWING RELATION OF THE POPULATION OF THE CITY TO THE AVERAGE NUMBER OF PATIENTS IN THE CITY AND COUNTY HOSPITAL.

.....Population of the City.

————Patients in Hospital.



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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND DIED DURING THE FISCAL YEAR 1911-1912.

DIAGNOSIS.	Grand Total	Sex.		Condition on Discharge.				Nativity.				Civil State.				Race.			Age.									Total Days Treated
		Male	Female	Improved	Unimproved	Cured	Died	San Francisco	Other Parts California	U'ted States	Foreign	Married	Single	Widowed	Divorced	White	Black	Yellow	—10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70—		
Ataxia, Locomotor	18	18		5	10		3		4	5	9	3	14	1		17	1					2	8	5	2	1		3072
Ataxia, Cerebellar	1	1		1							1		1			1									1			136
Adhesions, Hip	1	1		1							1		2			1									1			151
Amblyopia, Toxic	1	1		1							1			1		1							1					105
Abcess—																												
Ischio Rec	3	3		1		2		2		1		2	1			3						1	1	1				71
Rectal	7	6	1	4	1	2				5	2	1	6			7				1	4	2						171
Pelvic	4	2	2		3	1			1		3	3	1			4					3	1						184
Psoas	2	2		2					2			2				2							1		1			240
Lung	1		1				1				1		1			1				1								39
Thumb Paronychia	1	1				1			1				1			1					1							4
Leg	5	5		3		2				2	3		5			5				1	1	1	2					115
Thigh	4	3	1	1		2	1		1		3		2	1	1	4					1	1	1	1				172
Periurethral	5	5		4		1			1	2	2	2	3			5					2		3					68
Vulvovaginal	2		2	2					1	1		1	1			2					1	1						27
Vaginal	1		1	1					1			1				1							1					36
Multiple	1	1		1							1	1				1								1				3
Abdom. Wall	1	1		1							1		1			1					1							6
Larynx	1		1				1			1			1			1					1							18
Inguinal	2	2		1		1				1	1		2			2					1	1						38
Umbilicus	1	1				1					1		1			1					1							10
Axilla	2	2		2					2			1		1		2							1	1				19
Neck	1	1			1						1		1			1					1							14
Tubo-Ovarian	2		2	1		1		1		1		1	1			2					1	1						34
Cheek	1	1		1									1			1					1							9
Clavicular	1		1			1					1	1				1							1					42
Lumbar	2	2		1	1				1		1	1	1			2							1	1				22
Mastoid	1		1	1					1				1			1			1									17
Parotid Gland	2	2				1	1		1		1	1	1			2			1								1	168

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Perineal	1	1		1						1			1			1							1				8
Abortion	24		24	7		17			8	8	8	19	4		1	24				4	12	7	1				463
Alcoholism—																											
Acute	51	46	5	22	3	20	6		7	24	20	8	35	7	1	51					3	17	17	9	4	1	819
Chronic	15	12	3	6	1	3	5		6	5	4	3	10	2		15				1	2	3	4	1	3	1	216
Adenitis—																											
Inguinal	6	6		6					1	2	3	2	2	2		6				1	1	1	1		2		120
Cervical	1	1		1						1			1			1					1						24
Axilla	1	1		1							1			1		1								1			16
Anaemia, Pernicious	3	3		1	1		1			1	2	1		2		3									1	2	53
Aneurism, Aorta	5	5		2	2		1			3	2	1	3	1		5						1		1	2	1	374
Ankylosis, Shoulder	1	1		1							1		1			1								1			16
Appendicitis—																											
Acute	28	20	8	12	3	12	1		7	7	14	9	18	1		28			1	2	12	9	1	2	1		1065
Chronic	4		2	2			3			3	1		3	1		4				1	2	1					101
Arterio Sclerosis	39	30	9	14	10		15		2	7	30	6	13	20		39						1	3	8	10	17	2892
Arthritis Deformans	2	2		2						1	1	1	1			1	1							1	1		487
Asthma	22	20	2	18	2	2			1	6	15	3	17	2		22				1	3	5	1	6	5	1	659
Acne Pustulosa	1	1		1					1				1			1					1						51
Auto Intoxication	1	1		1							1		1			1				1							10
Adenoids	12	9	3	4	2	6			11		1		12			12			3	7	1	1					112
Amputation, Leg	2	2		1		1					2		2			2						1	1				415
Asphyxia, Gas	1		1	1						1		1				1						1					6
Bronchitis	34	24	10	26		8			4	6	24	7	22	5		34			2	2	5	4	2	4	10	5	832
Bronchiectasis	2	2		1			1			1	1		2			2							1	1			26
Birth	61	32	29			56	5	60	1				61			59	2		61								963
Burns—																											
Nitric Acid	1	1				1					1		1			1						1					10
Dynamite	1	1		1							1		1			1						1					86
Carbolic Acid	1		1	1						1		1				1										1	14
2nd Degree	9	6	3	6		2	1		1	2	6	2	4	3		9			1		1		3	1	2	1	565
1st and 2nd Degree	6	5	1	4		2			3		3	1	3	2		6			1		1		3		1		235
Bursitis	4	4		3	1				2	1	1		3	1		4						2	1	1			63
Bubo, Inguinal	7	7		1		6			2	2	3		7			7				2	1	3	1				264
Cataract	5	2	3	1	3	1					5	1	1	3		5						1		1	2	1	177
Cleft Palate	1	1		1					1				1			1			1								31
Carcinoma—Testicle	1	1		1					1			1				1							1				28
Stomach	17	17		3	3		11		1	6	10	5	12			17						1	4	7	4	1	461
Lip	5	5		1	1		3			1	4	1	4			4		1						1	3	1	308
Neck	2	2		1	1					1	1	1		1		2								1	1		42
Rectum	2	2		1	1						2	1	1			2								2			20
Cervix Uteri	1		1		1				1			1				1							1				37
Penis	1	1			1						1		1					1					1				95
Uterus	11		11	1	5		5		4	3	4	5		5	1	11					1	2	2	3	3		548
Face	1	1					1			1			1			1						1					2

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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND DIED DURING THE FISCAL YEAR 1911-1912.—Continued.

DIAGNOSIS.	Grand Total	Sex. Male	Sex. Female	Condition on Discharge. Improved	Condition on Discharge. Unimproved	Condition on Discharge. Cured	Condition on Discharge. Died	Nativity. San Francisco	Nativity. Other Parts California	Nativity. United States	Nativity. Foreign	Civil State. Married	Civil State. Single	Civil State. Widowed	Civil State. Divorced	Race. White	Race. Black	Race. Yellow	Age. —10	Age. 10 to 20	Age. 20 to 30	Age. 30 to 40	Age. 40 to 50	Age. 50 to 60	Age. 60 to 70	Age. 70—	Total Days Treated
Cheek	1	1			1				1			1						1				1					66
Glands Neck	1	1			1						1	1				1										1	11
Breast	6		6	4	1		1			1	5	1	2	3		6							1	2	2	1	376
Liver	4	4			2		2			2	2		4			4								2	2		191
Eyelid	1	1		1							2	1				1								1			74
Oesophagus	1	1				1			1				1			1							1				125
Pancreas	2	2					2				2		2			2							1		1		104
Sigmoid	1	1					1			1					1	1									1		36
Cellulitis—																											
Hand	1	1		1						1		1				1							1				21
Cervical	1	1		1							1		1			1						1					14
Chorea	2	2		1	1				1	1		1	1			2					1				1		11
Chancroid	7	6	1	5		2			3	1	3	1	5	1		7					4	1	2				147
Cholecystitis	6	4	2	6					1	1	4	2	3	1		6					1	1	1	1	1	1	122
Cephalgia	1	1		1						1			1			1					1						31
Cholelithiasis	5	2	3	2		2	1		2	1	2	3	1	1		5					1	1	1		2		214
Circumcision	2	2			1	1		1	1				2			2			1			1					4
Cirrhosis Liver																											
Hypertrophicl	17	13	4	5	1		11		4	6	7	7	9	1		17					1	8	2	5	1		318
Atrophic	7	7		2			5			3	4	1	5	1		7							2	3		2	342
Conjunctivitis Simplex	3	1	2	2		1			2		1		3			3					1	1			1		252
Recurrent	1	1		1							1		1			1						1					37
Ac Colitis	2	2		1		1				1	1		2			2				1			1				28
Colitis, Mucous	1	1		1						1			1			1								1			30
Constipation, Chr.	11	9	2	5	1	3	2		1	2	8	3	6	2		11					3		3	1	2	2	180
Contracture—																											
Hand (Volkmann)	2	2		2							2	1	1			2						1			1		91
Knee	1	1			1				1				1			1						1					577
Depuytrens	2	2			2					2			2			2									2		87

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Cystitis	17	13	4	14	3				3	6	8	1	13	3		14	2	1			1	8		2	4	2	933
Calculus, Bladder	1	1				1			1				1			1				1							14
Ureter	1		1							1		1				1						1					9
Concussion, Cerebral	3	2	1	1		2			1	1	1		2		1	3				1	1			1			13
Spine	1	1		1						1			1			1			1								2
Callous Stump	1	1		1						1			1			1					1						22
Carbuncle, Lip	1	1				1				1			1			1								1			4
Choroiditis (Syph)	1	1			1						1		1			1								1			158
Cornea, Perforation	1	1		1					1				1			1								1			83
Cyst, Sebacious	2		2	1		1					2		1		1	2								1		1	53
Diabetes Mellitus	9	7	2	5	4				1	4	4		3	4	2	9						2	3	2	2		265
Dementia, Senile	2	2			2				1		1		2			2							2				74
Paralytica	1	1					1			1		1				1					1						10
Dementia	5	1	4	2	2		1		1	1	3	3		2		5						2	2		1		88
Dislocation—																											
Cartilage Knee	2	1	1	2						1	1		1	1		2					1			1			123
Radius	1	1		1							1		1			1									1		86
Clavicle	1	1		1						1		1				1								1			61
Clavicle, Inner	1	1		1						1			1			1									1		43
Hip	1	1			1					1			1			1							1				13
Thumb	1	1			1						1		1			1									1		4
Shoulder	3	3			3					1	2		3			3							1		1	1	110
Ankle	1	1		1						1			1			1						1					32
Diarrhea—																											
Chronic Catarrhal	1	1		1						1			1			1						1					30
Acute	1	1				1			1				1			1			1								43
Dysentery—																											
Chronic	1	1		1						1				1		1							1				30
Acute	1	1		1						1			1			1							1				16
Deflection Septum Nasal	2	2		1	1					2			2			2						2					21
Deafness (Myotonia)	1		1	1							1		1			1								1			11
Dilatation Stomach	1	1		1							1		1			1								1			11
Eczema—																											
Feet	1	1		1						1			1			1									1		30
Legs	4	4		4					1	2	1		3	1		4						1	2	1			158
Face	6	5	1	5		1			3	2	1		6			6			2		1	1			2		248
Generalized	2	2		2						1	1		2			2							2				163
Endometritis	4		4	3		1			1	1	2		4			4				1	2	1					108
Entero Colitis	1	1		1						1			1			1							1				74
Enteroptosis	5	1		1							1	1				1						1					123
Epilepsy	7	7		4	2		1			2	5	2	4	1		7					1	4	2				72
(Jacksonian)	5	4	1	1	1	3			2	3		1	4			5					1	4					332
Epididymitis	6	6		6					3	3			6			6				1	4	1					65
Gonorrheal	6	6		4	2					3	3		6			6					2	2		1	1		150
Traumatic	1	1		1							1		1			1					1						15

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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND DIED DURING THE FISCAL YEAR 1911-1912.—Continued.

DIAGNOSIS.	Grand Total	Sex. Male	Sex. Female	Condition on Discharge. Improved	Condition on Discharge. Unimproved	Condition on Discharge. Cured	Condition on Discharge. Died	Nativity. San Francisco	Nativity. California	Nativity. United States	Nativity. Foreign	Civil State. Married	Civil State. Single	Civil State. Widowed	Civil State. Divorced	Race. White	Race. Black	Race. Yellow	Age. —10	Age. 10 to 20	Age. 20 to 30	Age. 30 to 40	Age. 40 to 50	Age. 50 to 60	Age. 60 to 70	Age. 70—	Total Days Treated
Epithelioma Neck	2	2		1			1			2		1	1			2							2				157
Face	3	3		1			2			1	2	1	2			3					1				1	1	1014
Lip	2	2			1	1			1		1	1	1			2							1	1			13
Tongue	1	1			1						1		1			1										1	16
Leg	1	1					1				1		1			1								1			206
Erysipelas	11	8	3		10	1			2	1	8	1	6	4		9	2			1		2	2	2	4		210
Exostosis—																											
Heel	1	1		1							1		1			1					1						35
Scapula	1	1		1							1		1			1								1			52
Ear Drum, Rupture	1	1		1						1			1			1								1			10
Empyema	8	7	1	5		1	2		1	2	5		8			8			1		5		1	1			340
Emphysema	1	1		1							1		1			1								1			6
Enteritis Acute	2	2		1		1				1	1		2			2					1			1			33
Epistaxis	1	1		1						1			1			1						1					8
Epulis	1	1				1			1				1			1				1							21
Fever Malaria Tert	41	39	2	15		26			3	10	28	1	37	3		40		1		2	9	13	5	10	2		788
Fever, Typhoid	37	34	3	6	1	22	8	1	8	6	22	1	36			37				5	20	9	3				1519
Fistula—																											
Rectal	3	3		1	1	1				2	1		3			3								2	1		185
Urinary	5	5		2	2	1				3	2	1	4			5						3		1	1		274
Anal	13	13		6	3	3	1		3	6	4	1	12			12		1			1	4	3	2	2		272
Perineal	2	1	1	1	1					1	1	1	1			2					1					1	119
Furunculosis	1	1		1				1					1			1					1						13
Fracture—																											
Skull	17	15	2	9		3	5		4	4	9	3	11	3		17			2	1	1	3	6	1	2	1	360
Nose	2	2		1	1					1	1	1	1			2						1	1				17
Sup Maxillar	1	1		1							1		1			1					1						16
Inf Maxillar	13	13		7	2	4			6	4	3	2	9	1	1	13					2	6	2	1	2		470
Clavicle	9	7	2	5		4		1	1		7	1	4	4		9						1	3	3	1	1	381

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Vertebrae	5	5		4			1		1	1	3		3	2		5						3			2		287
Scapula	2	2		1		1			1		1	2				2							1		1		27
Ribs	19	19		13		5	1		3	2	14	4	13	2		18	1				1	5	5	3	5		326
Humerus	16	12	4	8	1	6	1		1	8	7	4	11	1		16			2	3	5		4	2			999
Ulna	7	7		6		1			1	2	4		7			7						3	3		1		251
Radius and Ulna	16	9	7	11	2	3		1	4	3	8	3	11	2		16			1	2	2	2	2	5	1	1	365
Pelvis	1	1		1							1			1		1								1			43
Femur	23	16	7	16	1	4	2		2	9	12	6	13	4		23			1	1	2	1	4	6	4	4	2055
Patella	2	1	1			2				1	1		1	1		2								1		1	709
Tibia	21	19	2	11		10		1	2	5	13	5	15	1		21			2		1	5	4	7	2		1535
Metatarsal Bone	2	2		1		1					2		1	1		2					1				1		75
Metacarpal Bone	1	1		1							1		1			1								1			54
Tibia and Fibula	33	31	2	19	2	11	1	1	7	12	13	6	25	2		33					3	11	10	6	2	1	2630
Fibula	7	6	1	2		5				2	5	1	5	1		7				1		1	3		2		304
Astragalus	1	1		1							1		1			1							1				76
Ext Malleolar	3	3		2		1			1	1	1		3			3					1	1	1				88
Mandible	11	11		6	2	3			3	2	6		11			11					2	7	1	1			5[illegible]2
Os Calcis	1	1				1			1					1		1							1				19
Os Innominatum	1	1				1					1		1			1								1			59
Phalangeal Bone	1	1		1							1		1			1					1						72
Radius	1	1		1						1		1				1									1		56
Gastritis Acute	50	41	9	37		12	1	1	10	11	28	10	34	6		50			1	1	6	15	7	14	6		954
Chronic	19	15	4	13	3	3			5	6	8	5	12	2		18	1				2	5	2	6	4		382
Gastric Ulcer	10	6	4	1	4	3	2		1	3	6	3	4	3		10					1	3	2	2	1	1	208
Goitre Exopthalmic	1	1			1						1		1			1							1				3
Goitre Exopthalmic	3	2	1	1	1		1			2	1		3			3					2	1					78
Gonorrhea Acute	39	23	16	25	8	6		1	8	15	15	3	35	1		39			1	6	27	4	1				685
Chronic	17	9	8	14		3			5	7	5	3	13	1		17				3	12	1		1			1931
Gon Arthritis	24	23	1	21	1	2			3	5	16	2	19	1	2	23		1		1	12	7	2	2			1153
Gout	1	1		1						1			1			1								1			71
Gangrene Foot	3	3				2	1		1		2	1	1	1		3						1				2	146
General Paresis	2	2		1	1					1	1		2			2					2						76
Gastroenteritis Ac	4	4		2		2			1	1	2		4			4			1		1			2			88
Gastric Neurosis	1	1			1						1		1			1					1						3
Gastroptosis	1	1				1				1		1				1					1						25
Glaucoma	2	2		2						1	1		2			2						1				1	96
Glio-Sarcoma (Spinal Cord)	1	1					1			1			1			1						1					349
Hallux Valgis	1	1				1			1				1			1				1							35
Hammer Toe	1	1				1					1			1		1										1	262
Hematoma Inguinal Reg	1	1				1					1	1				1			1								11
Hydrocephalus	1	1					1		1				1			1			1								22
Heart—																											
Aortic Insufficiency	9	9		7			2		1	3	5	2	6	1		9						4		2	3		417
Mitral & Aortic Insuff'y	12	8	4	11			1		2	5	5	3	7	2		12					2	3	2	4	1		584
Mitral Insuff'y	59	55	4	42	2	3	12		7	23	29	10	37	12		59			1	2	3	9	11	11	16	6	2552

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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND DIED DURING THE FISCAL YEAR 1911-1912.—Continued.

DIAGNOSIS.	Grand Total	Sex. Male	Sex. Female	Condition on Discharge. Improved	Condition on Discharge. Unimproved	Condition on Discharge. Cured	Condition on Discharge. Died	Nativity. San Francisco	Nativity. California	Nativity. United States	Nativity. Foreign	Civil State. Married	Civil State. Single	Civil State. Widowed	Civil State. Divorced	Race. White	Race. Black	Race. Yellow	Age. —10	Age. 10 to 20	Age. 20 to 30	Age. 30 to 40	Age. 40 to 50	Age. 50 to 60	Age. 60 to 70	Age. 70—	Total Days Treated
Endocarditis Ac	13	12	1	5		1	7		4	3	6	1	11	1		13				3	1	4	4			1	271
Endocarditis Chronic	43	39	4	23	2		18		2	14	27	6	30	7		43					1	4	11	11	13	3	1648
Myocarditis Acute	29	23	6	17			12		2	8	19	10	12	6	1	29			1	3	2	5	9	4	5		869
Myocarditis Chronic	19	17	2	5			14		1	7	11	2	11	6		19						1		6	9	3	293
Pericarditis	1	1					1				1			1		1									1		172
Tricuspid Insuff'y	4	4					4		1	2	1		4			4					2	1			1		72
Hemophilia	3	3		2	1				2	1			3			3			1			2					85
Hemiplegia	15	9	6	5	7		3		2	7	6	4	1	7		14		1		1			1	5	7	1	1705
Hemorrhage Cerebral	25	20	5	12			13		3	8	14	7	14	4		24		1			3	4	4	6	8		502
Hemorrhoids	13	12	1	4	2	7			1	6	6	4	8	1		13						8	3	1	1		206
Hernia—																											
Inguinal	21	21		5	1	15			6	6	9	2	16	3		21			1	1	1	7	4	5	2		591
Inguinal	35	35		8	6	21			4	11	20	5	26	3	1	35			1		3	8	7	9	5	2	1168
Femoral	2	1	1			1	1		1		1	1	1			1		1				1			1		51
Ventral	4	4		1	1	2			2	1	1	3		1		4				1	1		2				65
Abdominal	3	1	2			3			1		2	2		1		3							2	1			194
Umbilical	1	1					1				1		1			1								1			5
Hydrocele	6	6		4		2		1		1	4	1	5			6					2	1	1	1	1		120
Hysteria	4	1	3	3		1				3	1	3	1			4						1	1	2			65
Hydrothorax	1		1		1						1	1				1						1					6
Impetigo Contagioso	2	1	1			2			1	1		1	1			2			1	1							20
Influenza	13	12	1	3		10				2	11	3	8	2		13					4	3	4		1	1	166
Insane—Gen. Paralysis	1	1					1				1	1				1										1	7
Insanity—																											
Maniac Depression	2		2	1	1				1		1	1	1			2						1	1				20
Delusional	1	1			1						1	1				1								1			13
Puerperal	1		1		1					1			1			1					1						55
Inanition	2	1	1			2			2				2			2			1	1							70
Intermittent Claudication	1	1		1						1		1				1									1		46

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Intoxication Intestinal	1	1				1					1		1			1				1							5
Iritis	4	8	1	1	2	1				1	3	1	3			4					1	1	1		1		32
Jaundice Catarrhal	2	1	1			2				1	1	1	1			2						1		1			55
Kidney (Movable)	1	1			1						1	1				1						1					2
Lymphangitis	1	1				1			1					1		1						1					16
Lumbago	6	6		2	1	3				4	2	1	5			6						4	1		1		102
Malnutrition	8	1	7	4		1	3	1	6		1	1	7			8			7				1				310
Mania Acute	1	1			1						1		1			1							1				2
Mastoiditis	15	11	4	10		5			8	3	4	2	12	1		15			6	4	1	2	1	1			382
Measles	12	9	3	1	11				11		1		12			12			12								705
Miscarriage	5		5			5			3	2		4	1			4	1			1	3	1					56
Morphinism	5	3	2	4	1				1	3	1	1	3	1		4	1					3	2				111
Chronic	9	6	3	6	2		1		4	5		1	5	3		9					2	2	4	1			203
Myalgia	4	3	1	2	1	1			1	1	2	1	3			4							3	1			170
Mastitis	1	1		1							1	1				1								1			23
Meiners Disease	1	1		1					1				1			1							1				18
Melancholia	1	1		1							1		1			1						1					31
Meningitis, Septo	1	1					1				1		1			1					1						1
Cerebro Spinal	2	2		2						1	1	1	1			2					2						54
Necrosis Foot	1	1		1							1		1			1						1					59
Metatarsal Bone	2	1	1		1	1					2	2				2								1	1		67
Heel	2	2		1		1					2		2			2						1	1				57
Nephritis—																											
Acute Parenchymatous	14	9	5	2	1	1	10	1	1	5	7	5	6	3		14						4	5	3	1	1	273
Chron. Parenchymatous	8	6	2	1			7		1	3	4	2	5	1		8				1		2	1	1	2	1	196
Chronic Interstitial	40	34	6	18	1		21		7	13	20	11	22	7		36		4			3	9	7	9	9	3	1982
Nephroptosis	1		1	1							1	1				1					1						68
Nephrolithiasis	2	2			1	1				1	1		2			2					1			1			76
Neuralgia	6	5	1	5		1				2	4		5	1		6						2	3	1			132
Neuralgia Intercostal	4	3	1	3		1				2	2	1	3			4						1	1	1	1		58
Neuritis—																											
Sciatica	4	4		4						4		1	2	1		4						2	2				78
Peripheral	9	7	2	8		1			3	3	3	5	3	1		9					4	5		2		1	1093
Intercostal	1	1			1			1					1			1							1				10
Neurosis Traumatic	1		1	1						1				1		1							1				28
Neurasthenia	22	14	8	18	3	1			4	6	12	7	14	1		21	1			1	8	3	6	3	1		415
Osteomyelitis	4	3	1	3			1		2		2		3	1		4				2		1	1				193
Osteo Arthritis																											
Vertebral	3	2	1	2	1				1	1	1	2	1			3						1		1	1		70
Osteo Arthritis	6	5	1	4	2				1	2	3	1	5			6					1	1	4				231
Periostitis Foot	1	1		1						1			1			1					1						7
Otitis Media	6	6		3	1	1	1		1	2	3		6			6			1		1	1	1	1		1	65
Obstruction Intestinal	1	1					1				1		1			1						1					1
Oophoritis	1		1			1					1		1			1						1					52
Ophthalmia Neonatorum	1	1				1		1					1			1			1								24

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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND DIED DURING THE FISCAL YEAR 1911-1912.—Continued.

DIAGNOSIS.	Grand Total	Sex. Male	Sex. Female	Condition on Discharge. Improved	Condition on Discharge. Unimproved	Condition on Discharge. Cured	Condition on Discharge. Died	Nativity. San Francisco	Nativity. Other Parts California	Nativity. United States	Nativity. Foreign	Civil State. Married	Civil State. Single	Civil State. Widowed	Civil State. Divorced	Race. White	Race. Black	Race. Yellow	Age. —10	Age. 10 to 20	Age. 20 to 30	Age. 30 to 40	Age. 40 to 50	Age. 50 to 60	Age. 60 to 70	Age. 70—	Total Days Treated
Ophthalmia Sympathetic	1	1		1						1			1			1									1		1
Optic Atrophy	1	1			1					1			1			1						1					21
Orchitis Gon.	3	3		3							3		3			3					1	2					40
Paralysis—																											
Local	1		1	1							1	1				1								1			89
General	1	1			1				1				1			1							1				15
Transient	1	1			1					1			1			1					1						2
Parotitis (Mumps)	1	1		1							1		1			1				1							1
Paraplegia	4	3	1	4					2	1	1	1	3			4						1	1		2		353
Pediculosis Coporus	2	2		1		1				2			1	1		2							1		1		22
Perineum Lacerated	9	2	7	5		4		1	2	2	4	4	4	1		9					4	2	1	1		1	204
Peritonitis Septic	10	5	5	1	2	1	6		1	7	2	3	5	2		10					4	1	3	2			177
Pes Valgus	2	2		2							2		2			2					1				1		40
Pneumo Thorax	1	1		1						1			1			1					1						19
Pharyngitis Chronic	1	1		1							1		1			1							1				32
Phlegmon Thigh	1		1				1			1			1			1								1			36
Phlebitis (Femoral)	3	2	1	1	2					3		2	1			3					2		1				22
Int Illiac	2	2		1		1					2	1	1			2									2		45
Pleurisy	33	30	3	13		20			7	10	16	4	24	4	1	32	1				7	10	11	3	2		787
Pneumonia—																											
Lobar	80	71	9	8		39	33	1	22	23	34	10	64	5	1	80			7	6	13	21	15	11	6	1	1516
Broncho	9	7	2	2		3	4		4	3	2	1	8			9			3			2	2		2		132
Broncho	25	20	5	3		6	16		1	11	13	7	13	4	1	25			1		1	5	4	5	6	3	857
Poison—																											
Carbon Monoxide	1	1					1			1		1				1						1					1
Muriatic	1	1					1			1				1		1							1				2
Bichloride Mercury	2	1	1	1		1				1	1	1	1			2					1	1					7
Ptomaine	2	2				1	1			1	1	2				2						1		1			56
Iodine	1	1				1			1			1				1						1					1

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Permang Potash	1		1			1			1				1			1					1						3
Mushroom	3	2	1			1	2				3	2	1			3			1		1	1					9
Chr Lead	2	2		1		1					2	1	1			2					1	1					43
Strychnine	1		1			1			1					1		1							1				21
Veronal	1		1			1				1				1		1						1					5
Prolapse Rectum	3	2	1	1		2			1		2		2	1		3			1				1	1			100
Prostate Hypertrophy	16	16		12		4			1	3	12	4	8	4		16						2	3	4	5	2	535
Progressive Muscular Atr'hy	2	1	1	1	1				1		1		1		1	2				1				1			83
Psoriasis	7	6	1	6		1		1	1	3	2		5	1	1	7					1	3	2		1		190
Paralysis—																											
Brachial Plexus	1	1		1							1		1			1									1		56
Agitans	1	1			1					1				1		1								1			26
Paranoia	2	2			2					2			1		1	1	1				1					1	7
Periostitis (Acute)	1		1			1			1			1				1				1							23
Chronic	2	2		2					1	1			2			2						1	1				161
Phimosis	2	2				2			2				2			2			1					1			54
Prostatitis	4	4		2	2					2	2	1	2	1		4					1				2	1	336
Prostate Enlargement	3	3				3					3		3			3									2	1	126
Pyelitis	1		1	1					1			1				1							1				11
Pyosalpinx	8		8	2	1	5			5	3		4	3	1		7	1				6	2					114
Raynauds Disease	1	1		1							1		1			1						1					190
Rheumatism Chronic	30	21	9	26	1	3			7	3	10	5	16	9		30				1	2	5	6	8	7	1	1816
Acute Articular	43	36	7	29	3	11			9	18	21	8	33	2		42		1	1	2	7	9	7	12	4	1	1014
Articular	42	34	8	28	4	10				18	24	5	28	9		42					7	12	3	12	4	4	1093
Rupture Ligament	1	1		1						1			1			1						1					43
Salpingitis	4		4	3		1			2	1	1	4				4				1	3						98
Chronic	3		3	2	1			1	1		1	3				3				1	1	1					94
Sarcoma—																											
Neck	2	2					2				2		2			2						1		1			51
Liver	2	2			2					1	1	1	1			1	1				1			1			38
Stump	1	1					1			1			1			1								1			41
Jaw	1	1					1				1		1					1					1				11
Osteo Sarcoma	1	1				1					1		1			1								1			338
Sarcoma Spleen	1		1				1				1		1			1					1						28
(Lymph Glands)	1	1			1						1	1						1					1				7
Scabies	4	3	1	2		2			1	1	2		4			4					2	1		1			91
Scabies	2	1	1		1	1			1	1		1	1			2				2							30
Senility	9	8	1	7			2			2	7	5	4			9								4	4	1	698
Septicemia	5	4	1				5			3	2	1	2	2		5						1	1	1	2		68
Scurvy	1	1			1				1				1			1			1								73
Sclerosis Combined	2	2			1		1				2		2			2							2				161
Amyotrophic Lateral	1	1					1			1		1				1						1					1437
Diffuse, Brain & Cord	1	1					1		1				1			1							1				5
Multiple	1	1			1						1		1			1							1				154
Shock Post Operative	1	1					1				1			1		1								1			7

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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND AND DIED DURING THE FISCAL YEAR 1911-1912—Continued.

DIAGNOSIS.	Grand Total	Sex.		Condition on Discharge.				Nativity.					Civil State.				Race.			Age.									Total Days Treated
		Male	Female	Improved	Unimproved	Cured	Died	San Francisco	Other Parts California	United States	Foreign		Married	Single	Widowed	Divorced	White	Black	Yellow	—10	10 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70—		
Sinusitis (Frontal)	2	2		2							2		1	1			2						1			1			16
Sinus, Leg, hip	1	1		1							1			1			1							1					29
Sprain—																													
Ankle	14	14		9		5			2	5	7		3	11			14				3	5	4	2					286
Elbow	1	1		1							1			1			1						1						1
Shoulder	1	1		1							1			1			1								1				8
Hip	1	1		1							1			1			1						1						4
Metatarsal	1	1		1							1			1			1					1							5
Stomatitis Ulcerative	1	1				1					1			1			1						1						13
Stenosis, Nasal Duct	1	1			1						1			1			1					1							9
Stricture—																													
Oesophagus	1	1			1					1				1			1							1					6
Urethra	16	16		13	1	2			3	4	9		2	13	1		16					2	4	5	4	1			437
Intestine	1	1		1						1				1			1					1							45
Anal	1	1		1							1			1			1					1							20
Synovitis Knee	4	3	1	4					1	2	1			3	1		4					2	1	1					220
Spasticity Muscles—																													
Forearm, Congenital	1	1		1						1				1			1				1								73
Staphyloma	3	2	1	1	1	1				1	2		1	1	1		2		1				1			2			76
(Anterior)	1	1			1			1						1			1											1	10
Syphilis—																													
Primitiva	14	11	3	13	1				5	5	4		1	13			14					13	1						358
Congenital	5	3	2	1	1		3		5					5			5			4	1								339
Consecutiva	163	129	34	132	20	6	5	1	44	59	59		25	134	4		160	3			11	55	54	25	13	3	2		438
Sciatica	3	3		3						1	2			2		1	3						1		2				111
Scorbutus	1	1				1					1			1			1							1					31
Splenitis	1	1		1							1			1			1						1						8
Still Born	1	1					1		1					1			1			1									1
Sycosis	1	1		1						1				1			1						1						27

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Talipes Equinus Varus	1		1	1						1			1			1				1							62
Teratoma Sacral	1		1			1					1		1			1						1					19
Tumor—																											
Spinal Cord	2	2		1			1				2		2			2						1				1	50
Brain	4	3	1	2	1		1		1	2	1		4			3		1				2	2				87
Mixed (Parotid Gl)	1	1				1					1			1		1							1				16
Larynx	1	1				1					1	1				1									1		27
Tonsillitis	16	12	4	2	1	13			6	4	6	3	13			16			7	5	1	3					187
Tonsil Hypertrophy	15	10	5	14		1			14		1		15			15			14	1							46
Trachoma	1	1			1					1			1			1					1						10
Tuberculosis—																											
Sinus, Anal	1	1		1							1		1			1							1				28
Pleura	1	1			1						1		1			1								1			93
Brain	1	1					1			1			1			1									1		2
Spine	4	4			3		1			1	3		4			4					2	2					121
Spine (Potts)	2	2		1	1				1		1		2			2			1			1					286
Pulmonary	76	68	8	16	42		18	2	11	28	35	15	54	7		74	1	1		1	14	15	13	23	10		1673
Epididymus	1	1		1							1		1			1					1						12
Hip	14	13	1	6	4		4		8	2	4	1	13			13		1	1	5	2	4	1		1		1084
Peritoneum	8	6	2	4	2		2		1	1	6	1	7			8			1	1	3	3					409
Cervical Gland	2	1	1	1	1				1		1		2			2			2								75
Wrist	1	1		1							1		1			1						1					26
Knee	3	3		3					1	1	1	2	1			3			1			1	1				198
Epididymus	2	2		1	1						2		2			2					1			1			66
Abcess Rectal	1	1		1						1			1			1					1						16
Bone	5	3	2	3	1	1			2	3		1	4			5			1		1	2			1		1268
Meninges	1	1					1				1		1			1										1	3
Thrombosis Infected	1		1			1					1	1				1								1			108
Trauma Back	4	4		3		1			2	1	1		4			4				1	1	1	1				60
Ulcer Cornea	7	4	3	6		1			4	2	1		7			7			2			1	1	2	1		287
Leg—Trophic	1	1				1					1	1				1						1					31
Leg—Tubercular	1	1			1						1		1			1									1		23
Leg—Traumatic	5	5		5					2	1	2		3	2		5				1		1		1	2		106
Leg—Unqualified	5	4	1	4		1				1	4		5			5						4			1		198
Varicose	40	36	4	29	1	10			7	12	21	5	31	4		40						3	9	12	16		1797
Foot—Perforating	1	1		1						1			1			1								1			30
Duodenum	1	1		1						1			1			1									1		39
Uterus—																											
Polyps	1		1			1					1		1			1							1				48
Endometritis	9		9	6	1	2			3	5	1	5	4			9					7	2					97
Endometritis Chronic	4		4	2	2						4	3	1			2	2				1	3					24
Fibroid	7		7	1	2	3	1		1	3	3	6		1		7					1	3	3				155
Metritis	1		1	1						1		1				1					1						28
Retroversion	5		5	2		3			3	1	1	2	2	1		5					2	2		1			192
Cervicitis	3		3	1		2				2	1	1	2			3					2		1				158

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MORBIDITY STATISTICS OF PATIENTS DISCHARGED AND AND DIED DURING THE FISCAL YEAR 1911-1912—Continued.

DIAGNOSIS.	Grand Total	Sex. Male	Sex. Female	Condition on Discharge. Improved	Condition on Discharge. Unimproved	Condition on Discharge. Cured	Condition on Discharge. Died	Nativity. San Francisco	Nativity. Other Parts California	Nativity. United States	Nativity. Foreign	Civil State. Married	Civil State. Single	Civil State. Widowed	Civil State. Divorced	Race. White	Race. Black	Race. Yellow	Age. —10	Age. 10 to 20	Age. 20 to 30	Age. 30 to 40	Age. 40 to 50	Age. 50 to 60	Age. 60 to 70	Age. 70—	Total Days Treated
Erosion Cervix	1		1			1					1	1				1					1						7
Prolapsus	4		4	1	2	1				2	2	1	1	2		4								2	1	1	119
Hematoma																											
Fallopian Tube	1		1			1					1	1				1					1						29
Cystic Ovaries	3		3			3			3			2		1		3					1	1				1	98
Menopause	1		1	1							1	1				1						1					125
Menorrhagia	1		2	1		1			1		1	1		1		2					1	1					14
Pyosalpinx	2		2			2			1		1	1	1			2					1	1					86
Retained Placental			1			1					1	1				1						1					16
Neuroma	1	1				1					1		1			1							1				39
Uremia	1	1					1				1		1			1										1	7
Urticaria	3	1	2			3				2	1	1	1	1		3					1	1		1			55
Varicocele	8	8		3		5			1	3	4		8			8				1	5	2					105
Varicose Veins	18	14	4	9	1	8				6	12	4	11	3		18						7	3	5	3		602
Whooping Cough	2		2	1	1				2				2			2			2								5
Wounds—																											
Contusions:																											
Ankle	2	2		1		1			1	1			2			2					1	1					52
Arm	1		1	1					1			1				1					1						8
Back	1	1				1					1		1			1								1			11
Chest	1	1		1							1		1			1										1	11
Face	2	1		2							2		2			2							1	1			26
Foot	5	5		2		3			2	1	2		5			5					2	1	2				65
Hip	6	5	1	4	1	1				2	4	1	3	2		6					1	1	1	1	1	1	143
Kidney	1	1		1							1		1			1						1					24
Knee	5	4	1	3	1	1			2		3	2	3			4		1				2	1	1	1		60
Leg	6	6		4	1	1			1	3	2		6			6				1		3	1		1		74
Inf Maxilla	1	1		1							1		1				1			1							8
Pelvis	1	1				1					1		1			1								1			18

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Scalp	2	2		2							2		2			2									2		16
Shoulder	7	7		5	1	1				2	5		6	1		7						2	2	1	2		186
Spine	9	9		8		1			1		8	1	6	2		8	1				1	3	4		1		226
Thigh	1	1		1							1		1			1								1			28
Toes	1	1				1					1			1		1							1				12
Gunshot:																											
Abdomen	3	3		1		2			1		2	1	2			2		1			2	1					20
Breast	5	3	2	2		2	1				5	2	3			5					1	1	3				166
Chest	2	2		2					1		1		2			2					1	1					26
Leg	1	1		1						1			1			1				1							22
Mandible	1	1			1				1				1			1				1							3
Neck	1	1			1				1				1			1				1							2
Scalp	1	1		1						1			1			1								1			29
Skull	2	1	1			1	1				2	1	1			2						2					48
Thigh	1	1				1				1			1			1				1							18
Incised:																											
Abdomen	1	1		1					1				1			1						1					28
Back	1	1		1						1			1			1					1						11
Chest	5	5		2		3				1	4		5			5					4	1					90
Face	1	1				1			1				1			1			1								13
Neck	2	2		1		1				1	1		2			1		1				2					28
Thigh	1	1		1						1			1			1					1						22
Infection:																											
Arm	12	12		8		4			3	6	3	3	9			12					3	2	5	2			348
Elbow	1	1				1			1				1			1				1							19
Eye	4	4		3		1			1	1	2		3	1		4							3			1	68
Evelid	1	1		1							1		1			1							1				16
Face	2	1	1	1		1			1		1	1	1			2			1							1	
Foot	31	29	2	21		10			5	12	14	1	26	4		30	1		1		5	10	7	4	3	1	1543
Hand	21	20	1	19		2			4	10	7	4	15	2		21			1	1	5	7	1	3	3		419
Jaw	1	1		1					1				1			1						1					5
Knee	6	5	1	5		1			1	3	2	1	5			6					1	3	2				250
Leg	16	15	1	11		5		1	3	5	7	3	13			16					8	2	2	2	2		857
Neck	1	1		1							1			1		1								1			22
Stump Leg	1	1				1				1			1			1					1						17
Lip	2	2				2			1		1	1	1			2						2					17
Mandible	1	1		1					1			1				1						1					5
Olecranon Bursa	1	1		1						1			1			1								1			6
Scalp	3	3		1	1	1			1	1	1	1	1	1		3			1		1			1			62
Scrotum	2	2		1	1						2		2			2					1				1		15
Shoulder	1	1				1				1			1			1						1					19
Toe	3	2	1	1		2			2	1		1	2			3						1	1	1			72
Lacerated:																											
Face	13	10	3	8	1	4			3	2	8	3	10			13					2	5	2	3	1		197
Leg	3	3		3					2		1		3			3				1	1		1				80
Scalp	5	5		1	1	3			3		2	1	4			5				2		1			1	1	58
Throat	1	1			1						1	1				1						1					4
Toes	1	1		1					1				1			1						1					32
Grand Total	2947	2358	589	1507	339	718	383	86	58	890	1389	558	2053	315	21	2897	26	24	184	142	530	665	495	456	356	119	104960

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YEARLY SUMMARY.

	No. Patients Remaining 1st of year.	No. Patients Admitted During Year.	Total No. Treated During Year.	Total No. Discharged During Year.	Daily Average For Year.
1872	296	2365	2561	2417	289.3
1873	244	2863	3107	2804	331.1
1874	303	3231	3534	3197	367.3
1875	337	3921	4258	3876	387.2
1876	382	3376	3758	3368	374.5
1877	295	3012	3307	3005	360.2
1878	368	3007	3375	2990	383.5
1879	351	3174	3525	3163	379.1
1880	362	2955	3317	2946	388.0
1881	371	3204	3575	3210	383.1
1882	365	3151	3516	3172	383.0
1883	344	3002	3346	2997	366.4
1884	349	3288	3637	3278	389.1
1885	359	3191	3550	3159	389.2
1886	391	3140	3531	3130	392.3
1887	401	3128	3529	3137	411.6
1888	292	2914	3206	2951	304.3
1889	255	3022	3277	2972	310.5
1890	305	3466	3771	3419	324.3
1891	352	3468	3820	3452	375.2
1892	368	4393	4761	4373	294.2
1893	288	3614	3902	3559	318.0
1894	343	3782	4125	3700	413.6
1895	425	2680	3105	2839	301.95
1896	266	3422	3688	3394	332.2
1897	294	3583	3877	3499	357.04
1898	378	4033	4411	4028	377.92
1899	383	3555	3938	3552	399.
1900	386	3836	4222	3891	377.
1901	331	4773	4104	3706	380.
1902	398	4576	4974	4608	374.
1903	371	5381	5752	5375	405.
1904	377	5241	5618	5175	443.
1905	443	4044	4487	4078	405.
1906	409	4423	4832	4379	433.
1907	453	4689	5142	4717	463.
1908	425	1827	2252	1964	263.
1909	288	2374	2662	2311	354.
1910	351	2420	2771	2399	378.
1911	372	2796	3168	2731	412.87
1912	437	3662	4099	3604	434.06

Daily Average of City Cases in Private Hospital—

1908	106
1909	78
1910	100
1911	0

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LIST OF OPERATIONS PERFORMED DURING THE FISCAL YEAR 1911-12.

Cranium—
- Brain Tumor, Aspiration 1
- Incision, Closing 2
- Mastoid, Exenteration 17
- Trephining 3
- Frontal Sinusitis, Killian Oper.. 1

Eye—
- Iridectomy 3
- Cataract, Excision 2
- Enucleation 4
- Pterygium, Excision 1

Eye Lid—
- Cyst, Excision of 1
- Epithelioma, Excision 1
- Plastic 2

Face—
- Gasserectomy 1
- Epithelioma, Labial, Excision.... 4
- Maxillary Growth, Excision..... 2
- Mandible, Abcess, Incision..... 4
- Mandible, Sequestrotomy 1
- Mandible, Sinus, Curettement.... 1
- Mandible, Unwiring 2
- Mandible, Wiring 3
- Plastic 2
- Staphylorraphy 2
- Epulis, Excision 1
- Sublingual Cyst 1

Neck—
- Abcess, Incision 4
- Adenectomy 7
- Sarcoma, Excision 2
- Bullet Wound, Exploratory..... 1

Throat—
- Adenoidectomy 25
- Tonsilectomy 45
- Thyroidectomy 2

Thorax—
- Dislocation, Sternum, Reduction 1
- Rhizotomy 1
- Laminectomy 2
- Abcess, Curettage 1
- Mammae, Amputation 4
- Ribs, Resection 14
- Sinus, Curetting 4
- Thoracoplasty, Skin Graft..... 1
- Clavicle, Fracture, Wiring..... 1
- Clavicle, Fracture, Plated..... 4
- Esophagostomy 1
- Thoracic Cavity, Aspiration..... 1

Shoulder—
- Removal of Plate 2
- Dislocation, Reduc'n, Anaethesia 2
- Ankylosis, Breaking Adhesions.. 1
- Humerus, Head, Resection 2
- Sinus, Curettement of 1
- Humerus, Incision, Exploratory.. 1
- Humerus, Fracture, Plated..... 4

Arm—
- Gland, Excision 1
- Tumor, Excision 1
- Amputation 2
- Transplant of Nerve..... 1
- Fracture, Radius, Splinting, Anaesthesia 1
- Radius, Wiring 1
- Radius, Unwiring 1
- Plastic 1
- Skin Graft 1
- Radius, Stapling 3
- Ulna, Fracture, Plated..... 3
- Blood Transfusion 1

Hand—
- Skin Graft 1
- Amputation Fingers 2
- Cellulitis, Abcess, Incision..... 1
- Infection, Incision..... 2
- Palmar, Fascia, Excision..... 1
- Tenoplasty 1
- Plastic 3

Abdomen—
- Gastrectomy 2
- Sinus, Abdomen, Curettement.... 1
- Resection of Caecum 1
- Appendectomy 44
- Appendicostomy 1
- Appendix, Exploded, Drainage.. 5
- Cholecystostomy 8
- Gastroenterostomy 5
- Gastrostomy 1
- Colostomy 6
- Pyloroplasty 1
- Gastropexy 1
- Enteroenterostomy 2
- Syringotomy, umbilical 2
- Nephrolithotomy 1
- Herniotomy, Inguinal 66
- Herniotomy, Umbilical 1
- Herniotomy, Ventral 2
- Hepatic Abcess, Evacuating..... 1
- Intestine, Resection 1
- Laparotomy, Tubercular Peritonitis 2
- Laparotomy, Exploratory 26
- Nephropexy 1
- Rectopexy 1
- Nephrectomy 1
- Psoas Abcess, Aspiration 4
- Fecal Fistula, Abdomen, Repair 3
- Abdominal Abcess, Incision..... 1
- Vesical Fistula, Abdomen, Rep'r 1
- Lithopexy 1
- Caeserian Section 1
- Undescended Testicle 1
- Closure, Abdomen, Incision, Hemophilia 1

Genitals—
- Circumcision 4
- Amputation Penis 2
- Cystotomy, Suprapublic 3
- Hydrocele 9
- Inguinal Adenectomy 6
- Orchidectomy 3
- Prostatectomy, Suprapublic 1
- Prostatectomy, Perineal 16
- Urethral Dilatation 1
- Urethrotomy, External 1
- Urethrotomy, Internal 1
- Varioclectomy 6
- Epididymotomy 3
- Urethral Syringotomy 3
- Abcess, Periurethral 1
- Urethra, Plastic 2

Perineum—
- Syringotomy 19

Rectum and Anus—
- Rectoplexy 2
- Hemorrhoidectomy 17
- Pararectal Abcess, Incision 4
- Rhagades, Anal, Cauterization.... 2

Uterus and Adenexa—
- Polypi, Removal 1
- Pelvic Abcess, Evacuation 3
- Curettement 49
- Hysterectomy, Complete 11

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Hysteroophorosalpingectomy	2
Laparosalpingoophorectomy	9
Oophorectomy	6
Oophorcystectomy	1
Oophorsalpingectomy	10
Trachelprraphy	22
Perineorrhaphy	17
Ventro Fixation, Uterine	9
Salpingectomy	4
Myomectomy	3
Hip—	
Abcess, Incision	1
Hip, Exploratory	1
Sinus, Curettement	2
Amputation	1
Aspiration	1
Thigh—	
Femur, Osteocalsis & Nailing of	1
Femur, Sequestrectomy	1
Abcess, Incision	3
Femur, Fracture, Repairing, "Plate and Screws"	5
Femur, Fracture, Rep'g, "Nail"	1
Femur, Fracture, Ext. of Pegs	2
Femur, Infected, Curettage	3
Femoral Hernia, Operation	2
Sinus, Incision	1
Sciatica Nerve, Resection	1
Femur, Fracture, Wiring	2
Femur, Resection of Head	3
Arthroclasia	1
Knee—	
Sinus, Curettement	1
Aspirating	1
Exploratory, Incision	1
Resection	2
Ligament, Repair	1
Fixation of Semilunar Cartilage	1
Leg—	
Tibia, Removal Plate	3
Plastic	1
Nerve Suture	1
Removal of Bullet	1
Tenotomy	3
Abcess, Incision	2
Amputation	6
Cellulitis, Infection, Curettement	1
"Growth," Excision	1
Sinus, Curetting	1
Skin Graft	15
Sequestrectomy	13
Tibia, Curettement	1
Tibia, Wiring	2
Varicotomy	24
Varicotomy, Double	7
Tibia, Fracture, Plate	11
Infection, Incision	3
Tenoplasty	1
Foot—	
Ankle, Curettement	1
Amputation	4
Ankle Joint, Resection	1
Necrosed Bone, Curetted	1
Toe, Amputation	8
Wound, Infected, Incision	2
Wound, Infected, Curettement	1
Osteoplasty—	
Flat Foot, Correction	2
Metastasis, Resection	4
Exostosis	5
Foot Abcess, Incision	1
Foot, Incision, Exploratory	2
Heel, Plastic	1
Kraske Operation	1
	838

NATIVITY OF FOREIGN BORN PATIENTS WHO HAVE BEEN DISCHARGED OR DIED DURING THE FISCAL YEAR 1911-1912.

Alsace	4
Asia	3
Africa	5
Argentine Republic	2
Australia	11
Austria	39
Bulgaria	4
Belgium	7
Canada	42
Central America	3
China	38
Chile	8
Denmark	32
England	123
Finland	16
France	35
Germany	199
Greece	52
Holland	4
Hindoostan	1
Hungary	11
Ireland	326
Italy	82
Jamaica	1
Japan	7
Korea	2
Malta	1
Mexico	32
New Zealand	3
New Brunswick	6
Norway	38
Nova Scotia	4
Peru	7
Porto Rica	18
Philippine Islands	3
Poland	1
Portugal	6
Russia	22
Scotland	62
Slavonia	1
Spain	29
Sweden	72
Syria	2
Switzerland	21
Turkey	2
Wales	2
West Indies	3

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OCCUPATIONS OF PATIENTS WHO HAVE BEEN DISCHARGED OR DIED DURING THE FISCAL YEAR 1911-1912.

Apothecary	1
Attorney	5
Actors	1
Agents	6
Bartenders	29
Boxmakers	6
Bell Boys	2
Blacksmiths	18
Butchers	22
Brewers	2
Broommakers	4
Barbers	8
Bakers	23
Bricklayers	2
Bootblacks	2
Boilermakers	9
Bedmakers	2
Brakemen	7
Collectors	1
Cement Workers	12
Coopers	5
Clerks	69
Cooks	89
Carpenters	76
Chaffeurs	1
Coppersmiths	4
Cigarmakers	3
Conductors	2
Cabinet Makers	7
Dishwashers	5
Domestics	92
Draughtsman	1
Dressmakers	1
Detectives	1
Expressmen	4
Engravers	1
Elevator Operators	2
Electrical Workers	13
Engineers	15
Farmers	7
Firemen	16
Fishermen	7
Grocers	1
Glassblowers	7
Gardeners	11
Gasfitters	2
Horseshoers	7
Housewives	193
Hackmen	5
Hodcarriers	6
Harnessmakers	6
Hatters	2
Hairdressers	1
Ironworkers	19
Janitors	19
Housekeepers	32
Kitchenhelpers	28
Lather	1
Lumbermen	7
Laborers	522
Locksmiths	2
Laundrymen	11
Liquor Dealer	1
Longshoremen	22
Machinists	17
Miners	29
Moulders	8
Millmen	6
Manicurist	1
Mattressmakers	1
Musicians	2
Minors	159
Nurses	9
Newspapermen	2
Newsboys	1
Photographers	1
Physicians	1
Printers	13
Plumbers	9
Patternmakers	2
Pavers	1
Painters	45
Porters	23
Peddlers	31
Plasterers	9
Picture Framers	1
Riggers	7
Rattanworkers	1
Salesmen	19
Stevedores	17
Stewards	8
Stablemen	23
Steamfitters	5
Sailors	62
Sheet Metal Workers	7
Solicitors	8
Shinglers	3
Shoemakers	8
Students	1
Stonemason	1
Teamsters	89
Tailors	19
Tilesetters	6
Tanners	14
Teachers	1
Timekeepers	1
Upholsterers	3
Veterinary	1
Woodturners	9
Waiters	62
Watchmen	18
Waitress	11
Wireworkers	3
Unascertained	115

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TUBERCULOSIS HOSPITAL.

The Tuberculosis Hospital was established during the month of August 1911, when the Board of Supervisors through an appropriation of $30,000 made possible the construction of seven temporary wooden "lean-tos" and a central administration building. The same occupies an entire block in the warm belt of the Mission District in the rear of the new San Francisco Hospital. All of the buildings are so constructed as to be open on the southside with a north wall partly enclosed, permitting the open air treatment, so essential to this disease.

The grounds of the institution are being planted with flowers, shrubs and grass that have been obtained from Golden Gate Park.

As this hospital is the only one in San Francisco admitting cases of Pulmonary Tuberculosis, every effort is being made to furnish the best treatment possible within our appropriation. Special attention is being paid to the diet, a great element in combating this disease.

On February 1st, 1912 the Tuberculosis Hospital was placed under the temporary charge of the Health Officer, and shortly thereafter the policy of having the hospital governed by a so-called Advisory Committee was instituted. This committee consisted of a representative of the Visiting Staff, Associated Charities, and the Society for the Prevention and Study of Tuberculosis. The meetings of this Committee takes place every two weeks and plans are formulated for improving conditions. The patients also have a voice in the government of the hospital, representatives from the various wards being elected to confer with the Resident Physician in matters affecting the patients' welfare.

Employes at this institution are mostly tuberculous patients who receive salaries from $10.00 to $20.00 per month. All employes of the administration building are not tuberculous, these include, doctors, nurses and kitchen help.

For the year 1911-1912 the sum of $ .888 per day per patient was allowed to pay all running expenses of the institution. In order to secure a fair living for the patients, much thought was expended, as was a great deal of energy.

VITAL STATISTICS.

REPORT OF TUBERCULOSIS HOSPITAL FISCAL YEAR 1911-1912.

	Adm.	Imp'd	Unimp'd	Born	Died
1911—July	48	47	32	1	21
August	37	33	8	0	19
September	47	18	3	0	20
October	52	18	2	0	15
November	39	21	0	0	18
December	56	25	1	0	16
1912—January	56	17	7	0	16
February	36	27	3	0	21
March	49	16	5	0	25
April	41	16	1	0	24
May	42	6	14	0	24
June	51	14	13	0	21

Number of patients remaining June 30th, 1911 166
Number of patients remaining June 30th, 1912 155

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STATEMENT OF EXPENDITURES TUBERCULOSIS HOSPITAL.

4 Months March 1 to June 30th, 1912.

Administration—	
Salaries	1,044.20
Other Expenses	917.23
Medical Care of Patients—	
Salaries	911.40
Medicines, drugs, dressings, etc.	1,204.13
Subsistence Department—	
Salaries	1,230.85
Food and other supplies	8,784.36
Buildings and Grounds—	
Salaries	885.00
Material	1,121.03
Dry Goods Bedding—	
Salaries	80.00
Supplies	669.60
	$16,847.80
Number of bed days March 1 to June 30th	18,969
Cost of patient per day, subsistence only	.529
Total cost of patient per day	.888

R. G. BRODRICK,
Acting Superintendent.

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Report of Relief Home

Relief Home, San Francisco, July 31, 1912.

To the Honorable Board of Health,
1085 Mission Street, San Francisco.

Gentlemen:—I respectfully submit herewith my report for the fiscal year ending June 30th, 1912, in accordance with the provisions of the Charter.

The apropriation granted for the fiscal year by the Board of Supervisors amounted to $197,800.00, and was more than sufficient for our needs, owing to certain reforms instituted during the year, in fact we were enabled to turn back into the Treasury the sum of $2,864.00. Out of our funds during the year we also purchased an automobile for use of the Superintendent.

THE POPULATION.

The average population in the Home during the fiscal year was 1,284; the minimum number was 1,255, on November 2nd, 1911; the maximum number was 1,292, on August 2nd, 1911.

It is noticeable upon going over our statistics that our population is not as changeable as it was a few years ago, in fact we should have at least sixty empty beds on the 30th day of June this year; but at that time there were virtually none, and it is going to be a very serious problem to provide housing for the indigent who apply during the winter months.

WATER PROBLEM.

During the year there were installed a new Dean pump and a connection was made to the Spring Valley suppy at Lake Honda, which will prevent a recurrence of a shortage of water in the institutions situated on the Relief Home grounds. It has been found necessary to purchase water from the Spring Valley Water Company, as our wells are not sufficiently developed to provide the quantity needed for the two institutions.

I would repeat the recommendation that I have made a number of times during the last three years, to-wit: that a well be sunk to a depth of 300 to 400 feet, to see if sufficient water could not be developed. This well might cost in the neighborhood of $2,000.00, but I think it would be money well invested, as our monthly bill at the present time with the Spring Valley Company averages $125.00.

POWER PLANT.

The power plant is in a first-class condition, the new generators being very satisfactory and developing a great deal more electrical current than needed, thus permitting expansion and the use of electrical energy in our various departments. I would recommend the installation of high pressure boilers as a substitute for the low pressure boilers now in use. This installation would cost about $16,000.00, and I believe would effect a saving of at least $250.00 a month in the use of fuel oil, as in the low pressure type now in use, condensation is very rapid, and owing to the great distance that the buildings are situated from the power plant, the system is very expensive.

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IMPROVEMENTS.

There are certain improvements urgently needed, particularly a new building to house the inmates of No. 3, which was destroyed by fire in 1911. These inmates are now housed in shacks which are a disgrace to any community, and should be done away with as soon as possible. With the exception of this improvement other improvements required can be made with the inmate labor available on the grounds. They embrace new shops for the machine shop, mattress, blacksmith, etc.

In February we commenced the erection of an automobile garage with inmate labor, and completed same at a cost of $320.00, thus showing the cheapness of concrete construction with inmate help. This building is fireproof throughout, and built of reinforced concrete. We now have under construction a reinforced concrete machine and blacksmith shop which should be finished the first of September. After its completion we propose going ahead with the other work recommended above. It is also proposed to construct a reinforced concrete stairway from the lower yard to the Relief Home; this to be a duplicate of the one already constructed to the Infirmary Building, and it is hoped that this will be completed during the year.

ROADS.

During the year all the roads approaching to our grounds, and inside of the grounds, were repaired by inmate labor. It was found necessary to use in this work 2,800 cubic yards of broken rock, which was quarried, crushed, spread and rolled entirely by the labor furnished by the inmates.

REPAIRS NEEDED.

The repairs needed at present in the institution are not extensive. All buildings should be painted and a roof should be put on the 200,000 gallon water tank which contains the reserve fire supply. Our dining room floor should be relaid.

All this work would have to be done by outside labor.

INMATE LABOR.

The policy of using inmate labor is one that I have found to be not only a benefit to the city by effecting a saving to taxpayers, but more important, of benefit to the inmates themselves, by making them feel that they are doing something to retain their self-respect and manhood, and that they are not mere paupers supported by charity. This feeling, which is very common among those who work in the institution, enables discipline and efficiency to rank higher with us than with any similar institution in the country. I have found that the oppostion to this system came from those who had never visited the grounds or studied the question, and as soon as the opponents studied conditions for themselves with a fair and free mind they became advocates of this idea. We are doing today 90 per cent of all the carpenter and cabinet work required by the institution. We are building roads, cultivating all the available ground—amounting to about 40 acres. Tailor shops, shoeshop, tin shop, blacksmith work, wagon factory, and many other forms of industry are conducted entirely by inmates.

A few pictures showing the various activities are attached herewith.

There was collected from relatives of inmates, or from estates, the sum of $1,891.90, which was deposited with the City Treasurer.

In June the Supervisors made a special appropriation of $1,250.00 for the purchase of a moving picture machine and a piano player, both of which are now being enjoyed by the inmates.

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URGENT.

The buildings occupied by the inmates of the Relief Home are of wood, and will always be a fire risk. Any one visiting the institution and seeing the number of helpless and crippled inmates is struck by the fact that in case of fire many lives would probably be lost. Furthermore, were these buildings destroyed there is no other place available to temporarily house the occupants.

It is therefore very urgent that something be done to convert the present structures into fireproof buildings.

I would recommend that the Architectural Commission be requested to draw plans for the future Relief Home, and that the Board of Supervisors be requested to appropriate funds for the conversion of the present Home into a fireproof structure.

Another urgent need is a building in which to house the present occupants of No. 3. These men, numbering over 100, are senility cases and for the most part helpless. The building they are occupying is a mere shack put up a little over a year ago as temporary quarters, and was made necessary by the destruction by fire of the old building which had been used for some thirty-five years for this purpose.

I estimate that a building to house these people, of reinforced concrete, could be put up for something like $40,000, and work on this structure should be commenced at once.

I would therefore request your Honorable Board to bring this once more to the attention of the Board of Supervisors.

Very truly yours,

C. M. WOLLENBERG, Superintendent.

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Total number of Inmates in Relief Home July 1st, 1911		1,263
Total number of Inmates admitted during 12 months		633
		1,896
Number of Inmates discharged at own request	316	
Number of Inmates who overstayed pass	52	
Number of Inmates discharged for cause	8	
Number of Inmates left without permission	7	
Number of Inmates sent to City and County Hospital	45	
Number of Inmates sent to Insane Asylums	12	
Number of Inmates deported	2	
Number of Inmates sent to T. B. Hospital	6	
Number of Inmates sent to St. Mary's Hospital	1	
Number of Inmates died	164	613
Number of Inmates in Home July 1st, 1912		1,283

SOCIAL CONDITION OF INMATES.

Single	690	
Married	125	
Widowed	451	
Divorced	12	
Separated	5	
		1,283

RELIGION OF INMATES.

Catholics	740	
Protestants	490	
Greek	2	
Heathen	7	
Atheist	....	
Quaker	1	
Agnostic	2	
Free Thinkers	2	
Christian Science	....	
Jewish	2	
No religion	37	
		1,283

RACES OF INMATES.

Caucasian	1,267	
Mongolian	7	
Ethiopian	9	
		1,283

AGES OF INMATES.

20 to 30	2	60 to 70		417
30 to 40	25	70 to 80		429
40 to 50	80	80 to 90		115
50 to 60	210	90 to 100		5
				1,283

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NUMBER OF TIMES ADMITTED.

First time	812	Eighth time	2
Second time	315	Ninth time	1
Third time	93	Tenth time	3
Fourth time	29	Eleventh time	2
Fifth time	12	Twelfth time	1
Sixth time	9	Thirteenth time	0
Seventh time	4		
			1,283

NATIVITY OF INMATES.

(Foreign Born)

Australia	2	Mexico	22
Austria	12	Norway	15
Belgium	2	Portugal	3
Canada	22	Russia	3
China	7	Scotland	31
Denmark	16	Slavonia	2
England	80	Servia	0
Finland	5	South America	1
France	41	Sweden	30
Greece	3	Switzerland	24
Germany	145	Wales	4
Holland	2	West Indies	1
India	2	Turkey	1
Ireland	460	Jamaica	0
Italy	13	Cape Verde Islands	1
			950

BORN IN UNITED STATES.

Alabama	1	Nebraska	2
Arkansas	1	New Hampshire	12
California	38	New Jersey	28
Connecticut	2	New York	78
Florida	2	North Carolina	4
Georgia	1	Ohio	20
Idaho	0	Pennsylvania	6
Illinois	17	Rhode Island	3
Iowa	4	South Carolina	3
Kentucky	12	Tennessee	1
Louisiana	7	Vermont	5
Maine	4	Virginia	5
Maryland	4	Wisconsin	2
Massachusetts	56	West Virginia	1
Michigan	8		
Mississippi	2		333
Missouri	4	(Foreign born)	950
		Total	1,283

The lowest number of inmates recorded at one time, November, 1910.....1,235
The highest number of inmates recorded at one time August 2, 1911.....1,292

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BY WHOSE ORDER ADMITTED.

By Board of Health	1,127	
From City and County Hospital	150	
By Superintendent of Relief Home	4	
By Mayor	2	
		1,283

PHYSICAL CONDITION OF INMATES.

Number of Blind Males	40	
Number of Blind Females	11	
Number of Males bedridden	10	
Number of Females bedridden	9	
Number of Males crippled	160	
Number of Females Crippled	54	
Number of Males able to work	370	
Number of Females able to work	95	
Number of Females Convalescent	10	
Number of Males Convalescent	25	
Number of Males mentally incompetent	112	
Number of Females mentally incompetent	63	
Number of Males old and infirm	222	
Number of Females old and infirm	102	
		1,283

OCCUPATIONS.

Agents	3	Janitors	5
Bakers	20	Laundresses	10
Barbers	5	Laundrymen	8
Blacksmiths	7	Laborers	333
Bookbinders	2	Cotton Weaver	1
Bookkeepers	7	Locksmiths	2
Boilermakers	5	Longshoremen	12
Bricklayers	3	Lodging House Keeper	2
Boatmen	6	Marble Cutters	2
Bartenders	4	Machinists	5
Butchers	10	Marine Firemen	4
Brassworkers	1	Mill Hands	4
Brewers	1	Milliners	5
Caulkers	2	Miners	30
Cannery Hands	1	Moulders	4
Cigar Makers	1	Musicians	3
Cabinet Makers	3	No occupation	45
Carriage Makers	3	Nurses	10
Cement Workers	8	Orderlies	2
Carpenters	50	Painters	20
Civil Engineer	1	Peddlers	3
Clerks	20	Plasterers	14
Clock Makers	1	Plumbers	3
Collectors	1	Poultry Dealers	1
Cooks	70	Printers	4
Coopers	2	Railroad Men	1
Dentists	1	Salesmen	7
Domestics	170	Solicitors	2

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Druggists	1	Stewards	6
Dressmakers	8	Sailors	40
Confectioners	....	Seamstresses	15
Compositors	2	Saloon Keepers	3
Dry Goods Men	2	Ship Carpenters	12
Firemen	6	Ship Captains	1
Florists	1	Shoe Dealers	2
Engineers	10	Shoemakers	12
Engravers	2	Teachers	1
Fishermen	6	Tailors	12
Farmers	20	Tanners	4
Hack Drivers	7	Teamsters	38
Harness Makers	7	Tailoresses	5
Hair Dressers	2	Trunkmakers	1
Hog Rancher	1	Upholsters	5
Hostlers	6	Wa ters	35
Housewives	45	Wagonmakers	4
Iron Workers	8	Watchmen	5
		Total	1,283

TAILORING DEPARTMENT. (Inmate Labor.)

Men's coats repaired	350
Men's vests repaired	194
Men's pants repaired	456
Men's shirts repaired	70
Total	1,070

SHOE REPAIRING DEPARTMENT. (Inmate Labor.)

Men's Shoes Repaired	1,199
Women's Shoes Repaired	273
Total	1,472

FARM REPORT.

Produced—

Cabbage	51,000	lbs.
Cauliflower	4,000	lbs.
Beets	70	sacks
Potatoes	1,400	sacks
Parsnips	38	sacks
Carrots	160	sacks
Turnips	184	sacks
Lettuce	30	sacks
Forage	40	Tons
Onions	40	sacks
Celery	15	sacks

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RELIEF HOME EXPENSES FROM JULY 1, 1911 TO JULY 1, 1912.

Subsistence	$ 83,945.86
Sundries	3,323.03
Clothing and Bedding	9,080.35
Power Plant	1,887.51
Hospital	2,129.02
Laundry	2,128.99
Stable	5,091.81
Dairy	3,454.51
Farm	807.50
Fuel	7,516.45
Equipment	3,693.78
Repairs to Vehicles and Harness	597.49
Repairs to Machinery	691.52
Repairs to Sundries	5,371.80
Pay Roll	65,772.65
Total Year's Expenditure	$195,492.27
Subsistence for one year	83,945.86
Subsistence for one month	6,995.50
Subsistence for one day	233.17
Subsistence for one inmate per day	.182
Clothing and bedding for one year	9,080.35
Clothing and bedding for one month	756.70
Clothing and bedding for one day	25.22
Clothing and bedding for one inmate per day	.019
Maintenance of total inmates per day	543.04
Maintenance of one inmate per day	.424

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RELIEF HOME EXPENDITURES, JULY 1ST, 1911 TO JUNE 30TH, 1912.

1911.	July	Aug.	Sept.	Oct.	Nov.	Dec.
Subsistence	$ 6,341.62	$ 6,941.65	$ 7,355.22	$ 6,538.25	$ 7,925.49	$ 7,066.38
Sundries	235.76	221.46	221.25	215.81	259.82	298.28
Clothing and Bedding	511.61	594.67	534.44	857.47	301.95	828.49
Power Plant	68.93	174.07	22.04	380.88	175.45	.....
Hospital	90.64	112.56	66.08	178.01	80.59	168.45
Laundry	118.23	163.91	170.23	123.82	108.40	125.14
Stable	232.44	449.64	358.58	447.53	399.15	243.83
Dairy	277.75	281.89	468.95	130.64	292.58	348.93
Farm	360.44	1.65	22.95	10.70	.68	8.31
Fuel	1,053.13	820.26	896.87	607.08	672.50	881.98
Equipment	85.66	47.70	516.83	67.76	109.47	89.80
Repairs to vehicles and harness	26.18	74.53	4.45	14.60	2.80	36.56
Repairs to machinery	67.62	38.92	91.50	141.63	108.93	24.92
Repairs, sundry	78.23	212.30	364.22	153.50	289.85	176.15
Payroll	5,747.80	5,748.00	5,762.00	5,698.15	5,585.00	5,563.35
Total	$15,296.04	$15,884.21	$16,855.56	$15,565.78	$16,312.66	$15,860.57

1912		eb.	Mar.	April	May	June
Subsistence	$ 6,612.04	$ 7,488.09	$ 6,393.62	$ 6,214.84	$ 7,549.78	$ 7,518.88
Sundries	260.80	227.29	272.86	339.44	417.09	353.17
Clothing and Bedding	640.59	472.00	505.70	890.91	1,128.91	1,813.61
Power Plant	164.20	104.26	95.31	101.88	288.60	311.94
Hospital	261.01	179.72	238.63	193.74	222.56	337.08
Laundry	122.93	63.29	19.50	421.32	541.59	150.63
Stable	1,015.98	377.34	424.95	356.64	219.61	566.22
Dairy	301.20	148.00	239.21	58.80	93.80	812.76
Farm	274.15	8.50	2.20	82.32	25.10	10.50
Fuel	1,293.22	21.40	16.00	9.00	1,245.01	.....
Equipment	74.23	2,099.80	25.18	138.17	239.65	198.53
Repairs to vehicles	.....	.70	157.75	84.35	83.47	112.10
Repairs to Machinery	24.03	40.65	9.74	72.00	22.58	49.00
Repairs, Sundry	431.60	182.34	277.64	805.78	1,132.60	1,267.59
Pay Roll	5,473.95	5,825.25	5,208.00	5,193.00	5,218.50	5,249.65
Total	$16,949.93	$16,738.53	$13,886.29	$14,962.19	$18,428.85	$18,751.66

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LAUNDRY WORK FOR YEAR 1911-1912.

July 1st, 1911 to June 30th, 1912.

	Plain Work	Starched Work	
July	40,000	6,567	
August	37,637	6,236	
September	36,422	5,486	
October	41,590	5,990	
November	41,214	5,975	
December	44,570	5,166	
January	39,124	6,573	
February	39,243	4,910	
March	45,986	5,067	
April	39,053	6,956	
May	42,627	5,905	
June	52,369	6,760	
Total for Year			571,446

SEWING ROOM.

Men's Pajamas	75
Petticoats (Women's)	350
Chemises	134
Drawers	28
Pillow Slips	1,680
Sheets	1,762
Towels	112
Bed Screens	24
Table Cloths	84
Aprons	1,030
Bandages	130
Shrouds	272
Curtains	360
Dresses	460
Waiters' Aprons	186
Smocks	120
Diapers	84
Napkins	220
Women's Gowns	240
Head Pieces	84
Corset Covers	160
Bibs	96
Sun Bonnets	60
Total	7,651

Also 5 Dozen Gingham Bed Spreads.

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LIVE STOCK.

Horses	26
Fillies	1
Mule Colt	1
Bulls	1
Cows	33
Calves	8
Pigs	72
Pigs, sucklings	31

During the year we killed—

Calves	27
Hogs	30
Cows	4
Cows condemned	9
Sheep killed	1

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To the Superintendent of the Relief Home—

Report of cases treated in Female Ward during the year ending June 30th, 1912.

M. I. JUDELL, Physician.

GENERAL DISEASES.

	Cured	Imp.	Not Imp.	Died	Total
Erysipelas	1	0	0	1	2
Malaria	4	1	0	0	5
Peritonitis	0	0	0	1	1
Syphilis (Acquired)	0	14	0	0	14
Cancer of Stomach	0	0	0	2	2
Epithelioma	0	2	5	0	7
Rheumatism, Acute Articular	1	0	0	0	1
Rheumatism, Chronic Articular	0	20	0	0	20
Diabetes, mellitus	0	2	0	0	2
Gout	0	5	0	0	5
Alcoholism—					
(a) Acute	1	0	0	0	1
(b) Chronic	0	14	0	0	14
Chronic Poisoning—					
Morphine	0	0	1	0	1
Arthritis Deformaus	0	1	0	0	1

CIRCULATORY SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Fatty Degeneration of Heart	0	0	0	1	1
Chronic Valvular Disease	0	4	6	1	11
Myocarditis, Chronic	0	12	4	17	33

DISEASES OF THE NERVOUS SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Locomotor Ataxia	0	2	2	0	4
Myelitis	0	0	1	0	1
Paralysis Agitans	0	2	1	0	3
Progressive Muscular Atrophy	0	0	1	0	1
Multiple Sclerosis	0	1	0	0	1
Apoplexy, Cerebral	0	8	10	2	20
Paresis	0	0	2	0	2
Epilepsy	0	3	0	0	3
Chorea	0	1	1	0	2
Multiple Neuritis	0	2	0	0	2

DISEASES OF ARTERIES.

	Cured	Imp.	Not Imp.	Died	Total
Arterio Sclerosis	0	20	7	9	36
Embolism and Thrombosis	0	1	0	0	1
Angina Pectoris	0	0	0	1	1

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RESPIRATORY SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Bronchitis, Acute	14	0	0	0	14
Bronchit·s, Chronic	15	18	0	0	33
Pneumonia	2	0	0	1	3
Pleurisy (Dry)	5	0	0	0	5
Pulmonary Congestion	3	0	0	0	3
Asthma (Bronchial)	0	4	0	0	4
Pulmonary Emphysema	0	1	0	0	1
Laryngitis	3	0	0	0	3
Coryza	10	0	0	0	10

DIGESTIVE SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Ulcer of Stomach	0	2	0	0	2
Gastritis, Acute	10	0	0	0	10
Gastritis, Chronic	5	11	0	0	16
Dilatation of Stomach	0	2	1	0	3
Stomatitis	2	0	0	0	2
Enteritis	2	0	0	0	2
Diarrhea	36	2	0	0	38
Laryngitis	5	1	0	0	6
C rrhosis of Liver	0	1	2	0	3
Biliary Calculia	0	0	1	0	1
Cholecystitis	0	1	0	0	1

GENITO-URINARY SYSTEM.

	Cured	Imp.	Not Imp.	Died	Total
Bright's Disease	0	0	4	3	7
Calculia of Urinary Tract	0	1	0	0	1
Cystitis (Chronic)	3	5	0	0	8
Uterial Hemorrhage (Non Puerperal)	2	0	0	0	2

	Cured	Imp.	Not Imp.	Died	Total

DISEASES OF THE SKIN.

Furuncle	6	0	0	0	6
Eczema	2	1	0	0	3

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REPORT OF HOSPITAL DEPARTMENT.

	Male Ward	Female Ward	Bldg. No. 3	Bldg. No. 4	In Sect.	Other Hosp.	Total
Average No. of Patients per day	45	52					97
Total No. admitted during year	429	180					609
Total No. discharged during year	390	132					522
Total No. deaths during year	86	31	30	9	4	3	160
Total No. treated in Clinic during year	8778	4903					13681
Total No. Electrical treatments	67	156					223
Total No. Surgical dressings	7207	2885					10092
Total No. prescriptions compounded							6241

To the Superintendent of the Relief Home—

Report of Cases treated in Male Ward during the year ending June 30th, 1912.

WM. KENNEY, M. D. Physician.

CIRCULATORY SYSTEM. (92 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Myocarditis	....	11	....	11	22
Mitral Regurgitation	....	14	....	7	21
Arteriosclerosis	....	26	....	9	35
Metral and Aortic Regurgitation	....	1	....	4	5
Aortic Regurgitation	....	1	....	....	1
Aneurysm of Aorta	....	....	1	1	2
Epistaxis	1	....	....	....	1
Arteriosclerosis c Chr. Nephritis	....	....	....	1	1
Metral Regurg. c Chr. Nephritis	....	....	....	4	4
Totals	1	53	1	37	92

RESPIRATORY SYSTEM. (45 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Pulmonary Tuberculosis	....	....	3	4	7
Acute Bronchitis	8	....	....	2	10
Chronic Bronchitis	....	3	....	....	3
Lobar Pneumonia	1	....	....	6	7
Bronchopneumonia	1	....	....	....	1
Coryza	5	....	....	....	5
Partial Asphyxia	1	....	....	....	1
Laryngitis	1	....	....	....	1
Acute Dry Pleurisy	2	....	....	....	2
Bronchial Asthma	....	7	....	1	8
Totals	19	10	3	13	45

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DIGESTIVE SYSTEM. (57 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Acute Gastritis	11	....	....	....	11
Gastric Ulcer	....	1	....	....	1
Gastric Carcinoma	....	....	1	6	7
Hematemesis	1	....	....	....	1
Dysentery	2	....	....	....	2
Constipation	8	....	....	....	8
Colitis	3	....	....	....	3
Intestinal Autointoxication	6	....	....	....	6
Serous Diarrhea	3	....	....	....	3
Cirrhosis of liver	....	1	....	5	6
Carcinoma of liver	....	....	....	1	1
Carcinoma of head of Pancreas	....	....	....	1	1
Appendicitis	1	....	....	....	1
Taenia Nana	1	....	....	....	1
Subnutrition	3	....	....	....	3
Peritonitis, simple	....	....	....	1	1
Rupture of Spleen	....	....	....	1	1
Totals	39	2	1	15	57

NERVOUS SYSTEM. (85 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Insane, Type not diagnosed	....	....	3	....	3
Dementia Paralytica	....	....	2	2	4
Taber Dorsalis	....	....	9	....	9
Multiple Sclerosis	....	....	3	....	3
Paralysis Agitons	....	....	9	2	11
Progressive Muscular Atrophy	....	....	1	4	5
Hemipligia	....	6	....	....	6
Cerebral Hemorrhage	7	....	....	8	15
Cerebella Ataxia	....	....	1	....	1
Gumma of Cerebellum	....	1	....	....	1
Chronic Anteria Polyomyelitis	....	....	1	....	1
Chorea	....	....	1	....	1
Epilepsy	....	6	....	....	6
Hysteria	....	1	....	....	1
Trigeminal Neuralgia	7	....	....	....	7
Cerebral Concussion	1	....	....	....	1
Acute Alcoholism	8	....	....	....	8
Syphillis of Nervous System	....	....	....	2	2
Totals	23	14	30	18	85

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URO-GENITAL SYSTEM. (20 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Atony of Bladder	2	....	....	....	2
Cystitis, Chronic	....	2	....	....	2
Prostatitis, chronic retention of urine	....	2	....	....	2
Prostate, probable carcinoma of	....	1	....	....	1
Nephritis, chronic interstitial	....	6	....	3	9
Nephritis, chronic Parenchymatous	....	1	....	....	1
Diabetes Mellitus	....	1	....	....	1
Orchitis	2	....	....	....	2
Totals	4	13	0	3	20

GENERAL DISEASES. (26 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Syphilis, Tertiary	....	6	....	....	6
Malaria, Tertian	8	....	....	....	8
Rheumatism, Acute Articular	4	....	....	....	4
Arthritis, Chronic	....	1	....	....	1
Influenza	3	....	....	....	3
Senile Dementia	....	2	....	....	2
Chronic Morphinism	....	....	1	....	1
Anaemia	....	1	....	....	1
Totals	15	10	1	0	26

MISCELLANEOUS MEDICAL CASES. (57 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Optic Neuritis	....	....	1	....	1
Iritis	1	....	....	....	1
Corneal Ulcer	1	....	....	....	1
Haemorrhoids	....	1	....	....	1
Eczema Medidans	....	3	....	....	3
Eczema Seborrhoisum	1	....	....	....	1
Erythema Intertrigo	....	1	....	....	1
Heat Prostration	1	....	....	....	1
Malingerer	....	....	5	....	5
Not diagnosed	....	10	....	....	10
Minor Ailments not recorded	26	....	....	....	26
Totals	30	15	6	0	51

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SURGICAL CASES. (53 Males.)

	Cured	Imp.	Not Imp.	Died	Total
Scalp, laceration of	12	....	....	....	12
Contusions, multiple	6	....	....	....	6
Ulcer, Varicose	4	....	....	....	4
Ulcer, tropic of foot	....	2	....	....	2
Abscess, tubercular, of rib	....	1	....	....	1
Abscess, tubercular, of thigh	1	....	....	....	1
Carbuncle	2	....	....	....	2
Infection of Hands	1	....	....	....	1
Infection of foot	2	....	....	....	2
Phlegmon of hand	1	....	....	....	1
Phlegmon of arm	1	....	....	....	1
Gangrene of Toes	2	....	....	....	2
Gangrene of leg (not treated)	....	....	1	....	1
Erysipelas	3	....	....	....	3
Laceration of Ear	1	....	....	....	1
Epithelioma of face	....	1	....	....	1
Sprain	3	....	....	....	3
Dislocation of Shoulder	1	....	....	....	1
Fracture of Ribes c pleurisy	3	....	....	....	3
" of neck of femur	2	....	....	....	2
" of humeris	2	....	....	....	2
" compound, of tibia and fibula (not treated)	....	....	1	....	1
Totals	47	4	2	0	53

SUMMARY.

	No. Treated	Cured	Imp.	Not Imp.	Died
Circulatory System	92	1	53	1	37
Respiratory System	45	19	10	3	13
Digestive System	57	39	2	1	15
Nervous System	85	23	14	30	18
Uro-genital System	20	4	13	0	3
General Diseases	26	15	10	1	0
Miscellaneous Medical	51	30	15	6	0
Surgical Cases	53	47	4	2	0
Grand Totals	429	178	121	44	86

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Report of Isolation Hospital

To the Honorable Board of Health,
San Francisco, Cal.

Gentlemen: I have the honor to submit the following report of the institution under my care:

It is with much pleasure that I am able to note that all diseases of a communicable nature that it is the duty of the municipality to care for are now housed under one management. This tends toward efficiency and economy in administration and greatly simplifies the handling of a very vexatious problem.

Three great problems present themselves in the conduct of an institution of this character: First:, the proper housing and care of the patient so that he can be restored in the shortest time to his former health. Second, the relation of the hospital to the public. Third, the care of the patient during the period of convalescence. Under the present arrangement and housing there is much to be desired. The set of buildings constructed with a view to the care of Variola only, has been divided so that the greater part of it has been given over to the care of other communicable diseases. It is certainly logical that if the necessity existed for these buildings in the past when vaccination was insisted upon, how much more necessary they will be as a sequence of the change in the vaccination law which makes vaccination optional instead of compulsory is obvious. A careful investigation of the statistics of the Health Department would, in a measure, bear this statement out, for during the months of May, June and July there have been a greater number of cases of Variola treated than ever before.

Under the present arrangement we are able to accommodate twenty-five Variola patients, and during the month of July we were up to our limit. What the outlook is it would not take the eye of a prophet to foresee. This disease, essentially one of the winter season, would have a very favorable field for its propagation, if one considers the large body of unvaccinated human beings who are growing up in this city.

The wisdom of the law which compels the notification by physicians of cases of Varicella was never better exemplified than during the present endemic. Few physicians are on the quivive for Variola; in fact it would appear to be the last thing that enters their minds. The mistake of calling the milder types of Variola, Varicella, is a common one, and the resultant correction of the error with the prompt vaccination of the contacts, and disinfection of the premises, tended to wipe out the disease in the locality in which it had appeared.

The objections that have been rife in the public mind toward an institution which in the past bore the name of "Pest House" have in a great measure been overcome. This is the result of the changing of the name of the institution and the education of the public, and is also due to the fact that we can now place the patient under conditions such as obtain in the best private hospitals.

As at present conducted, the hospital is practically closed to the visiting public. Should this be the case? Under a proper environment the answer would be in the negative. It is a hardship to take a child which is the pride and joy of its parents from its home when for financial reasons or for public safety removal therefrom is absolutely necessary, to a hospital and practically immure it for a period of three weeks in Variola or seven weeks in Scarlet Fever, without the parents being able to see it. I am committed to the opinion that

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with a properly constructed building this enforced isolation would not be necessary, and this is based upon close personal observation and the experience of others, that there is no danger to patient or visitor in a properly constructed isolation hospital such for example as is the case where the glass cubicle mode of construction is employed. Under this system those diseases which are of the most highly communicable nature could be treated side by side without danger to patient or attendant. This is well illustrated in the famous Pasteur Institute in Paris.

Under the heading "Care of the Patient During the Period of Convalescence," I favor the provision of grounds of sufficient amplitude to permit the patients to be out of doors for a certain number of hours each day. The present site, owing to its freedom from fog, equable temperature and the protection afforded by the Bernal Heights would be, with a proper windbreak to the westward, an ideal location. It is here that one can bask in sunshine and view the more favored residential sections of the city enshrouded in fog.

There is another duty which devolves upon institutions of this character, and to my mind one of the greatest, and that is that proper facilities be accorded to the medical teaching bodies, that they might make use of the large number of interesting cases that are annually presented here, for the proper instruction of medical students.

Many believe that those diseases which are spoken of with bated breath are the sine qua non of an institution of this character, and consider the so-called diseases of childhood such as Measles, etc., beneath the dignity of a medical man, but when one recalls the death rate which occurred among the Spanish War volunteers in 1898 in the camps of this city from Measles and its sequelae, one realizes that it is as essential for the medical man to understand these diseases as it is for him to understand those of a supposedly more serious nature, and also realizes the need of an institution where these diseases may be studied under favorable scientific aspects so that they may be placed in the same category with Diptheria and like it be robbed of their terrors.

LEPROSY.

There is little to be said regarding the hospital treatment of leprosy, its status being practically the same as that in the past decade, but epoch making discoveries have brightened the bacteriological horizon of this disease.

In 1909, Clegg, of the Bureau of Sciences of Manila, proclaimed to the world that he had succeeded in growing the bacillus of leprosy outside of the body. When this discovery was announced other investigators followed in his footsteps and confirmed his observations.

Duval, of New Orleans, stimulated by the work that had gone on before, succeeded in not alone growing the organism in pure culture, but was successful in transmitting the disease to the lower animals. These discoveries open up an enormous field which has but to be tilled to produce far-reaching results. It requires no wide stretch of the imagination for one to see that within a few years a disease which since the earliest biblical times has been the most horrible fate that could befall a human being will soon be conquered, and its appearance in a community be considered a reproach to its intelligence.

Under the present conditions, the lepers in this institution are as comfortable as it is possible for them to be in view of their affliction. As I have noted in my previous reports, all the patients are an unjust charge on this community, but in spite of that fact the city has housed these unfortunates in a manner that would be hard to excel. On perusal of the interstate Quarantine Regulations a method has suggested itself to me by which lepers dumped upon this city by other communities may be got rid of, "Article 3, General Regulations, is hereby amended by the addition of the following paragraphs:"

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Paragraph 9. Common Carriers shall not, under authority of paragraph 8, accept for transportation nor transport in interstate traffic any person suffering from or afflicted with leprosy unless there has been obtained from the Surgeon General of the Public Health and Marine Hospital Service or his accredited representative a permit stating that said person may be received under such restrictions as will prevent the spread of the disease, and said restrictions shall be specified in each instance: Provided, That, in addition to the above, permits shall also be obtained from the Health Authorities of the States, Territories or Districts to and from which the patient intends to travel.

Paragraph 10. No person knowing or having reason to believe that he is a leper shall accept transportation nor engage in interstate traffic unless permits have been obtained as set forth in the preceding section, and unless said person shall have agreed in writing to comply with the restrictions as specified in the permits mentioned above.

Paragraph 11. Any person who presents symptoms of leprosy and who is travelling or who has left the state where he resides, in violation of the above regulations, shall be detained, and if proven to be a leper, shall be returned to such state or removed to such Federal Quarantine station as the Secretary of the Treasury may designate, and the proper Health Authorities notified.

Paragraph 12. Compartments or places in cars, vessels or conveyances operated in interstate traffic, and that have been occupied by persons afflicted with leprosy shall be immediately closed after being vacated by the patient and kept so until after proper disinfection.

This will serve to lighten the burden of this community and may be a potent argument in favor of a national leprosarium. Should segregation be rigidly enforced? I am of the opinion that the greater number of leprologists would answer this query in the affirmative. While the disease is in a measure regarded as communicable, it is but faintly so, it being regarded essentially as a "Place Disease." Segregation is not enforced in London, Vienna or New York, but all know of Manson's case where a man born and brought up in Dublin, and who had never left the city, contracted leprosy from his brother, a soldier who had been invalided from India on account of the disease.

MINNESOTA BOARD OF HEALTH.

Dr. Bracken, in a personal communication, states that many of their cases are undoubtedly of local origin. This is a very important admission in view of the fact that they allow cases to be treated in their homes.

The fact that many of these patients are strong, able-bodied men whose lesions in no way prevent them from leading an active life, results in their enforced idleness breeding discontent and marked restlessness under their restraint. This results in their absconding from time to time to return when they find that their condition is recognized by their fellow workers and that they are shunned by all.

New Orleans solves this problem by refusing to admit anyone to the settlement who is not a native of Louisiana, and if one absconds the fact is published in all the papers.

GROUNDS.

On my resuming charge of the institution I found that the grounds were in the same condition as when these buildings were completed two and a half years ago. I was informed that the Superintendent of Golden Gate Park had

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estimated that it would cost $3,700 to put them in anything like a presentable condition. This sum of money was not forthcoming nor could I see where it might be obtained. To leave the grounds in their original condition meant mire in winter and a cloud of dust in summer, which was destructive to the interior of the buildings. I immediately started to remedy this condition of affairs by having blue rock put in to cover an area fifty feet square, leading from the gate to the ward door, and in having cement paths put in which lead around to the doors of the different buildings. All the intervening space was filled with street sweepings, and load after load was dumped upon the premises until all inequalities in the surface were eliminated and a proper foundation given for a lawn. Through the courtesy of a foreman in charge of the excavation of the incinerator site immediately to the west of this institution, the top soil was removed and added to this mass. This is enclosed by a cement border and the whole planted with grass seed, and has resulted in a very satisfactory lawn. Thus the place is vastly improved. Mud is not being tracked in, the dust cloud has disappeared, and all this has been accomplished by the efforts of the two men about the place and inmate labor, and was accomplished at a cost of not more than $300.00.

I have requested an estimate from the Street Repair Department of the cost of surfacing the yard of the leper hospital with asphalt, and they inform me that it will cost $765.45. I have also requested them to give me an estimate for surfacing De Haro Street, southerly to the gate of the hospital and they have informed me that it would cost $350.00.

In order that the plan projected can be accomplished and the ideals attained, it is, if the institution is to be used for clinical instruction and research work, absolutely essential that we have here a trained laboratory man. The difficulties which have beset the department in obtaining internes, are due to the fact that the majority of these young medical men are from the East and simply accept the position as a convenience to themselves until such time as they are enabled to take the State Board Examination, and having done so, leave us, thus compelling the breaking in of a new man. This breaks the continuity and defeats the purpose for which we need him. By having a laboratory man assigned here to do the necessary work we would be enabled to carry out the plans outlined to a conclusion. With the apparatus left over from the plague work, which has been stored in the basement of the hospital since that time, and the purchase of a very few new instruments, the hospital is fully equipped from a laboratory standpoint. All that is needed is the worker. The expense of such a man would not be great as he would give but a part of his time to the place. On talking the matter over with a laboratory director he stated that the expense would not exceed $900.00 a year.

NURSES.

In an institution of this character the most essential factor in attaining the success hoped for is a proper nursing staff. The very nature of the work, that is, the care of communicable disease, would emphasize the necessity of having a body of nurses that could be called upon at a moment's notice to exercise supervision over those entrusted to their care.

Crowded to its full capacity in winter, in a building which is used as a temporary makeshift, and with cases which require special care and attention, it is essential that we have a body of student nurses who would be ready to respond to our needs at a moment's call. Owing to the fact that twice since last February the City and County has been unable to comply with our needs for nurses,

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I renew the suggestion made in my report on resuming charge, that this institution extend an invitation to the teaching institutions for nurses, for example the University of California, Leland Stanford, Jr., University, and the Hahnemann Hospital, to send their nurses here for a period say not to exceed eight weeks, for training in this class of work, thus giving them a training in a class of diseases which is not treated in the institutions named, and the handling of which will form a great part of their future career.

Respectfully submitted,

ARTHUR A. O'NEILL, M. D.

ISOLATION HOSPITAL—ANNUAL REPORT, 1911-12.

Patients June 30, 1911.		Admitted during year.	Total.	Discharged.	Died.	Total.	Remaining.	Diag. Visits.	Amb. Calls.	Av. Number employees.
18	Leprosy	5	23	3 left	2	5	18	606	1	20
0	Variola	48	48	30	0	30	18		46	
0	Diphtheria	17	17	13	3	16	1		17	
0	Eczema Facialis	1	1	1	0	1	0		0	
0	Erysipelas	30	30	28	2	30	0		30	
0	Keratitis	1	1	1	0	1	0		0	
0	Measles	37	37	37	0	37	0		35	
0	Measles and Pertussis	1	1	1	0	1	0		1	
0	Mumps	1	1	1	0	1	0		1	
0	Opthalmia Spr.Catarrh	1	1	1	0	1	0		0	
0	Opthalmia Neonatorum	1	1	1	0	1	0		0	
0	Pneumonia	2	2	1	1	2	0		1	
0	Pertussis	3	3	3	0	3	0		1	
0	Scarlet Fever	14	14	13	0	13	1		14	
0	Scabies & Poison Oak	1	1	1	0	1	0		0	
0	Scabies	1	1	1	0	1	0		0	
0	Spinal Meningitis	1	1	0	1	1	0		1	
0	Tonsilitis	2	2	2	0	2	0		1	
0	Trachoma	3	3	3	0	2	1		1	
0	Varicella	4	4	4	0	4	0		4	

No.	Admitted for	Final Diagnosis
1	Erysipelas	Poison Oak and Scabies.
1	Erysipelas	Eczema Facialis.
1	Diphtheria	Tonsilitis.
1	Cerebro Spinal Meningitis	Tubercular Meningitis.
1	Erysipelas	Herpes Brachialis.
1	Varicella	Papular Syphilide.

1 Admitted with Whooping Cough and developed Measles.
1 Admitted with Diphtheria and developed Scarlet Fever.
1 Admitted with Measles and developed Broncho Pneumonia.
Necroposies performed, 4.
79 Ambulance calls for patients taken to City and County Hospital.

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Report of Emergency Hospitals

San Francisco, July 31, 1912.

To The Honorable,
The Board of Health,
San Francisco, Cal.

Through the Health Officer.

Sir:—In submitting herewith the annual report of the Emergency Hospitals of San Francisco for the fiscal year 1911-1912, including also the report of the Inspector of Indigents, I deem it proper at this time to call your attention the fact, inasmuch as there seems to be a great deal of misunderstanding as to what the duties of this Service are, that the Central Emergency Hospital not only receives the acutely injured and sick in its district, but also all injured and sick sent in from the various Branch Emergency Hospitals, who may need more than temporary care, including patients demanding capital operations; also all the sick and injured who are applicants for the City and County Hospital and the Relief Home.

During the past fiscal year the Central Emergency Hospital admitted 11,502 patients; 7,556 of this number were surgical cases and 3,946 were medical. All patients brought to the Central Emergency Hospital, including the indigent sick on the way to the City and County Hospital, patients suffering from acute alcoholism, patients demanding major or minor operations, etc., are kept at the Central as short a time as possible without doing any patient an injury by moving him. Patients who have to be immediately operated upon for some major condition cannot and will not be moved from the Hospital until the acute danger is past, which oftentimes necessitates their remaining even as long as ten days. The acute alcoholics, of course, cannot be moved until their delirium is cleared up, which usually takes from two to five days.

The insane patients are sent or taken directly to the Detention Hospital, which is a part of the Central Emergency Hospital, where they are sometimes kept as long as a week at a time before being passed upon and transferred to their final destination. All other patients are sent out as soon as it is possible to arrange for their proper disposal.

No patient is operated upon at the Central Emergency Hospital unless his condition demands such immediate attention; whenever possible his family physician is called and the patient, if able, is transferred to a hospital where he is to be kept until able to go home, whether it be to a private hospital or to the City and County, but it should be understood, as mentioned above, that there are many cases that through necessity for their safety and the safety of the public must be kept longer than twenty-four hours.

The Central Emergency Hospital, which is housed in its new temporary quarters in the rear of the temporary City Hall since May 1st, 1912, is fairly well equipped now to do any surgical operation that may be required of it. The enclosed pictures give a better idea than words. I hope to see embodied in the plans for the Central Emergency Hospital in the new Civic Center many improvements not had heretofore by the Central Emergency Hospital of this City.

In connection with the Central Emergency Station, I desire to call your attention to the important work performed by the Inspector of Indigents, whose duties from a monetary standpoint are probably the most important. It is this department which stands between the city and persons who request the

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city's care when they are able to furnish their own; also discovering many cases of needy sick who have either been sent or have come from outside counties of the State to be cared for by this city and county. The Inspector, through her associations with the Associated Charities, is able to save a vast amount of money to the city by having various patients cared for through the different charities. I hope to see this department developed that its good work shall be recognized not only by your Board, but by the Board of Supervisors and others in the governing body of the city.

HARBOR HOSPITAL.

This Branch Emegency Hospital admitted 6,885 patients during the past fiscal year of which 5,915 were surgical cases and 970 medical. The Hospital is situated on Clay street, one block from the Ferry Building and is one of the busiest districts of the city. The Hospital is located only temporarily at its present site, the building having been leased by the city for a period of only three years in 1910. I would recommend that this Branch Hospital be moved to the Hall of Justice, where provision has been made for an Emergency Hospital, until such time that the State Board of Harbor Commissioners can be urged upon to provide permanent quarters on State property, the hospital to be maintained by the municipality as had been the custom since 1896 when the State put up the first Harbor Hospital Building on Mission and East streets. This old Hospital Building was torn down in 1910 on account of the proposed extension of the Ferry Building. I would also recommend that this important Branch Hospital be equipped with a motor ambulance.

MISSION HOSPITAL.

The Mission Branch Emergency Hospital admitted 3,596 patients, 3,379 of which were surgical cases and 217 medical. In connection with this Branch Hospital, I would state that with the completion of the new San Francisco Hospital in the near future, this Branch Hospital should be moved further out in the Mission District, as the tremendous increase of the population and building activities in this important district will justify the maintenance of a branch Hospital.

POTRERO HOSPITAL.

A total number of 3,333 patients were admitted to this Branch Hospital, 3,149 of which were surgical cases and 184 medical. Due to the insufficient appropriation provided in the last budget, it was necessary to reduce the staff and close the Hospital between the hours of 5 P. M. and 8 A. M.; also discontinue the ambulance service during those hours. It is hoped that the Board of Supervisors will provide sufficient funds in the next budget in order to be able to give this important manufacturing district the service it should have. I would also recommend that a permanent Hospital be built on city property, adjacent to the Potrero Police Station.

PARK HOSPITAL.

The equipment of the Park Emergency Hospital last year with an auto ambulance has added greatly to the efficiency of the Service, and I am hoping to see the Service finally entirely equipped with auto ambulances. This Hospital admitted 2,462 patients of which 2,238 were surgical and 224 medical.

Respectfully submitted,

ALANSON WEEKS, Chief Surgeon.

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CENTRAL HOSPITAL.

Number of patients remaining in hospital June 30, 1911	10
Number of patients admitted during fiscal year 1911-1912	11,502
Total	11,512

DISPOSITION OF PATIENTS.

Discharged (sent home)	6,305
Transferred to Central Police Station	715
Transferred to Bush Street Police Station	130
Transferred to Southern Police Station	115
Transferred to Mission Police Station	9
Transferred to O'Farrell Police Station	6
Transferred to Potrero Police Station	1
Transferred to North End Police Station	2
Transferred to Juvenile Detention Home	5
Transferred to County Jail	2
Transferred to Isolation Hospital	65
Transferred to Insane Detention Hospital	121
Transferred to S. F. Relief Home	422
Transferred to S. F. Hospital	2,822
Transferred to S. F. Tubercular Hospital	284
Transferred to U. S. Marine Hospital	11
Transferred to U. S. General Hospital	5
Transferred to St. Francis Hospital	25
Transferred to St. Luke's Hospital	23
Transferred to St. Mary's Hospital	34
Transferred to St. Joseph's Hospital	23
Transferred to St. Winifred's Hospital	6
Transferred to St. Thomas' Hospital	8
Transferred to University of California Hospital	12
Transferred to Lane Hospital	23
Transferred to Hahnemann Hospital	12
Transferred to Mt. Zion Hospital	27
Transferred to German Hospital	48
Transferred to French Hospital	20
Transferred to Children's Hospital	9
Transferred to Trinity Hospital	26
Transferred to McNutt Hospital	12
Transferred to Union Iron Works' Hospital	1
Transferred to S. F. Maternity Hospital	2
Transferred to S. P. R. R. Hospital	2
Transferred to Japanese Hospital	1
Transferred to Merritt Hospital (Oakland)	1
Transferred to Adler Sanatarium	1
Transferred to Morton Sanatarium	2
Transferred to Buena Vista Sanatarium	5
Transferred to Morgue (dead on arrival)	26
Transferred to Morgue (died in hospital)	141
Total	11,505
Number of patients remaining in hospital June 30, 1912	7

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July, 1911—		
Number of Surgical cases treated	652	
Number of Medical cases treated	319	
Total		971
Number of Emergency Ambulance Calls	110	
Number of Transfer Ambulance Calls	2	
Total		112
August, 1911—		
Number of Surgical cases treated	652	
Number of Medical cases treated	282	
Total		934
Number of Emergency Ambulance Calls	142	
Number of Transfer Ambulance Calls	.....	
Total		142
September, 1911—		
Number of Surgical cases treated	683	
Number of Medical cases treated	412	
Total		1,095
Number of Emergency Ambulance Calls	162	
Number of Transfer Ambulance Calls	3	
Total		165
October, 1911—		
Number of Surgical cases treated	653	
Number of Medical cases treated	406	
Total		1,059
Number of Emergency Ambulance calls	175	
Number of Transfer Ambulance calls	5	
Total		180
November, 1911—		
Number of Surgical cases treated	651	
Number of Medical cases treated	372	
Total		1,023
Number of Emergency Ambulance calls	131	
Number of Transfer Ambulance calls	4	
Total		135
December, 1911—		
Number of Surgical cases treated	705	
Number of Medical cases treated	339	
Total		1,044
Number of Emergency Ambulance calls	171	
Number of Transfer Ambulance calls	.....	
Total		171
January, 1912—		
Number of Surgical cases treated	685	
Number of Medical cases treated	348	
Total		1,033
Number of Emergency Ambulance calls	156	
Number of Transfer Ambulance calls	4	
Total		160

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February, 1912—		
Number of Surgical cases treated	564	
Number of Medical cases treated	342	
Total		906
Number of Emergency Ambulance calls	149	
Number of Transfer Ambulance calls	.....	
Total		149
March, 1912—		
Number of Surgical cases treated	616	
Number of Medical cases treated	324	
Total		940
Number of Emergency Ambulance calls	148	
Number of Transfer Ambulance calls	2	
Total		150
April, 1912—		
Number of Surgical cases treated	560	
Number of Medical cases treated	267	
Total		827
Number of Emergency Ambulance calls	127	
Number of Transfer Ambulance calls	3	
Total		130
May, 1912—		
Number of Surgical cases treated	604	
Number of Medical cases treated	277	
Total		881
Number of Emergency Ambulance calls	145	
Number of Transfer Ambulance calls	11	
Total		156
June, 1912—		
Number of Surgical cases treated	529	
Number of Medical cases treated	258	
Total		787
Number of Emergency Ambulance calls	116	
Number of Transfer Ambulance calls	15	
Total		131

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HARBOR HOSPITAL.

Number of patients admitted during fiscal year 1911-1912 6,885

DISPOSITION OF PATIENTS.

Discharged (sent home)	5,587
Transferred to Central Police Station	458
Transferred to Harbor Police Station	265
Transferred to Southern Police Station	53
Transferred to Central Emergency Hospital	314
Transferred to Insane Detention Hospital	6
Transferred to Isolation Hospital	3
Transferred to U. S. Marine Hospital	27
Transferred to St. Francis Hospital	5
Transferred to St. Mary's Hospital	16
Transferred to St. Luke's Hospital	4
Transferred to St. Thomas' Hospital	2
Transferred to St. Joseph's Hospital	10
Transferred to Lane Hospital	7
Transferred to University of California Hospital	3
Transferred to German Hospital	34
Transferred to French Hospital	7
Transferred to Trinity Hospital	4
Transferred to McNutt Hospital	11
Transferred to Mt. Zion Hospital	2
Transferred to Hahnemann Hospital	8
Transferred to S. P. R. R. Hospital	6
Transferred to Bellevue Hospital	1
Transferred to Union Iron Works' Hospital	1
Transferred to Roosevelt Hospital (Oakland)	1
Transferred to Providence Hospital (Oakland)	1
Transferred to Adler Sanatarium	1
Transferred to Morton Sanatarium	1
Transferred to Irving Sanatarium	2
Transferred to Buena Vista Sanatarium	1
Transferred to Morgue (dead on arrival)	24
Transferred to Morgue (died in hospital)	20
Total	6,885

July, 1911—		
Number of Surgical cases treated	425	
Number of Medical cases treated	45	
Total		470
Number of Emergency Ambulance calls	98	
Number of Transfer Ambulance calls	11	
Total		109
August, 1911—		
Number of Surgical cases treated	422	
Number of Medical cases treated	40	
Total		462
Number of Emergency Ambulance calls	91	
Number of Transfer Ambulance calls	30	
Total		121

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September, 1911—		
Number of Surgical cases treated	457	
Number of Medical cases treated	73	
Total		530
Number of Emergency Ambulance calls	91	
Number of Transfer Ambulance calls	28	
Total		119
October, 1911—		
Number of Surgical cases treated	521	
Number of Medical cases treated	64	
Total		585
Number of Emergency Ambulance calls	113	
Number of Transfer Ambulance calls	32	
Total		145
November, 1911—		
Number of Surgical cases treated	488	
Number of Medical cases treated	63	
Total		551
Number of Emergency Ambulance calls	111	
Number of Transfer Ambulance calls	19	
Total		130
December, 1911—		
Number of Surgical cases treated	489	
Number of Medical cases treated	42	
Total		531
Number of Emergency Ambulance calls	113	
Number of Transfer Ambulance calls	34	
Total		147
January, 1912—		
Number of Surgical cases treated	449	
Number of Medical cases treated	54	
Total		503
Number of Emergency Ambulance calls	138	
Number of Transfer Ambulance calls	21	
Total		159
February, 1912—		
Number of Surgical cases treated	466	
Number of Medical cases treated	56	
Total		522
Number of Emergency Ambulance calls	114	
Number of Transfer Ambulance calls	7	
Total		121
March, 1912—		
Number of Surgical cases treated	555	
Number of Medical cases treated	92	
Total		647
Number of Emergency Ambulance calls	108	
Number of Transfer Ambulance calls	18	
Total		121
April, 1912—		
Number of Surgical cases treated	558	
Number of Medical cases treated	173	
Total		731
Number of Emergency Ambulance calls	116	
Number of Transfer Ambulance calls	32	
Total		148

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May, 1912—		
Number of Surgical cases treated	521	
Number of Medical cases treated	164	
Total		685
Number of Emergency Ambulance calls	105	
Number of Transfer Ambulance calls	21	
Total		126
June, 1912—		
Number of Surgical cases treated	564	
Number of Medical cases treated	104	
Total		668
Number of Emergency Ambulance calls	104	
Number of Transfer Ambulance calls	22	
Total		126

MISSION HOSPITAL.

Number of patients admitted during fiscal year 1911-1912 3,596

DISPOSITION OF PATIENTS.

Discharged (sent home)	3,296
Transferred to Mission Police Station	117
Transferred to Ingleside Police Station	3
Transferred to Isolation Hospital	1
Transferred to Insane Detention Hospital	1
Transferred to City and County Hospital	2
Transferred to Central Emergency Hospital	126
Transferred to St. Francis Hospital	1
Transferred to St. Luke's Hospital	7
Transferred to St. Mary's Hospital	2
Transferred to St. Joseph's Hospital	7
Transferred to St. Thomas' Hospital	1
Transferred to S. P. R. R. Hospital	1
Transferred to Trinity Hospital	1
Transferred to University of California Hospital	2
Transferred to German Hospital	8
Transferred to Hahnemann Hospital	2
Transferred to French Hospital	2
Transferred to Mt. Zion Hospital	2
Transferred to McNutt Hospital	2
Transferred to North Western Hospital	1
Transferred to Buena Vista Sanatorium	2
Transferred to Morgue (Dead on arrival)	2
Transferred to Morgue (Died in hospital)	....
Total	3,596

July, 1911—		
Numer of Surgical cases treated	311	
Number of Medical cases treated	5	
Total		316
Number of Emergency Ambulance calls	48	
Number of Transfer Ambulance calls	6	
Total		54

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August, 1911—		
Number of Surgical cases treated	364	
Number of Medical cases treated	6	
Total		370
Number of Emergency Ambulance calls	64	
Number of Transfer Ambulance calls	8	
Total		72
September, 1911—		
Number of Surgical cases treated	228	
Number of Medical cases treated	19	
Total		247
Number of Emergency Ambulance calls	64	
Number of Transfer Ambulance calls	15	
Total		79
October, 1911—		
Number of Surgical cases treated	284	
Number of Medical cases treated	21	
Total		305
Number of Emergency Ambulance calls	69	
Number of Transfer Ambulance calls	17	
Total		86
November, 1911—		
Number of Surgical cases treated	262	
Number of Medical cases treated	19	
Total		281
Number of Emergency Ambulance calls	45	
Number of Transfer Ambulance calls	18	
Total		63
December, 1911—		
Number of Surgical cases treated	307	
Number of Medical cases treated	17	
Total		318
Number of Emergency Ambulance calls	71	
Number of Transfer Ambulance calls	9	
Total		80
January, 1912—		
Number of Surgical cases treated	281	
Number of Medical cases treated	18	
Total		299
Number of Emergency Ambulance calls	62	
Number of Transfer Ambulance calls	22	
Total		84
February, 1912—		
Number of Surgical cases treated	252	
Number of Medical cases treated	23	
Total		275
Number of Emergency Ambulance calls	57	
Number of Transfer Ambulance calls	11	
Total		68
March, 1912—		
Number of Surgical cases treated	296	
Number of Medical cases treated	21	
Total		317
Number of Emergency Ambulance calls	58	
Number of Transfer Ambulance calls	14	
Total		72

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April, 1912—		
Number of Surgical cases treated	299	
Number of Medical cases treated	33	
Total		332
Number of Emergency Ambulance calls	61	
Number of Transfer Ambulance calls	14	
Total		75
May, 1912—		
Number of Surgical cases treated	279	
Number of Medical cases treated	17	
Total		296
Number of Emergency Ambulance calls	36	
Number of Transfer Ambulance calls	34	
Total		70
June, 1912—		
Number of Surgical cases treated	216	
Number of Medical cases treated	24	
Total		240
Number of Emergency Ambulance calls	78	
Number of Transfer Ambulance calls	9	
Total		87

POTRERO HOSPITAL.

Number of patients admitted during fiscal year 1911-1912 3,333

DISPOSITION OF PATIENTS.

Discharged (sent home)	3,248
Transferred to Potrero Police Station	14
Transferred to Insane Detention Hospital	1
Transferred to Central Emergency Hospital	41
Transferred to U. S. Marine Hospital	5
Transferred to St. Francis Hospital	2
Transferred to Union Iron Works Hospital	3
Transferred to German Hospital	5
Transferred to Trinity Hospital	2
Transferred to French Hospital	2
Transferred to S. P. R. R. Hospital	3
Transferred to McNutt Hospital	2
Transferred to Western Pacific Hospital	1
Transferred to Morton Sanatorium	1
Transferred to Morgue (Dead on arrival)	2
Transferred to Morgue (Died in hospital)	1
Total	3,333

July, 1911—		
Number of Surgical cases treated	274	
Number of Medical cases treated	10	
Total		284
Number of Emergency Ambulance calls	23	
Number of Transfer Ambulance calls	7	
Total		30

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August, 1911—		
Number of Surgical cases treated	286	
Number of Medical cases treated	16	
Total		302
Number of Emergency Ambulance calls	23	
Number of Transfer Ambulance calls	5	
Total		28
September, 1911—		
Number of Surgical cases treated	255	
Number of Medical cases treated	31	
Total		286
Number of Emergency Ambulance calls	28	
Number of Transfer Ambulance calls	4	
Total		32
October, 1911—		
Number of Surgical cases treated	269	
Number of Medical cases treated	36	
Total		305
Number of Emergency Ambulance calls	25	
Number of Transfer Ambulance calls	3	
Total		28
November, 1911—		
Number of Surgical cases treated	311	
Number of Medical cases treated	19	
Total		330
Number of Emergency Ambulance calls	19	
Number of Transfer Ambulance calls	2	
Total		21
December, 1911—		
Number of Surgical cases treated	303	
Number of Medical cases treated	19	
Total		322
Number of Emergency Ambulance calls	15	
Number of Transfer Ambulance calls	4	
Total		19
January, 1912—		
Number of Surgical cases treated	259	
Number of Medical cases treated	13	
Total		272
Number of Emergency Ambulance calls	19	
Number of Transfer Ambulance calls	2	
Total		21
February, 1912—		
Number of Surgical cases treated	373	
Number of Medical cases treated	8	
Total		381
Number of Emergency Ambulance calls	19	
Number of Transfer Ambulance calls	2	
Total		21
March, 1912—		
Number of Surgical cases treated	198	
Number of Medical cases treated	5	
Total		203
Number of Emergency Ambulance calls	14	
Number of Transfer Ambulance calls	5	
Total		19

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April, 1912—		
Number of Surgical cases treated	242	
Number of Medical cases treated	10	
Total		252
Number of Emergency Ambulance calls	19	
Number of Transfer Ambulance calls	2	
Total		21
May, 1912—		
Number of Surgical cases treated	213	
Number of Medical cases treated	9	
Total		222
Number of Emergency Ambulance calls	20	
Number of Transfer Ambulance calls	3	
Total		23
June, 1912—		
Number of Surgical cases treated	166	
Number of Medical cases treated	8	
Total		174
Number of Emergency Ambulance calls	22	
Number of Transfer Ambulance calls	7	
Total		29

PARK HOSPITAL.

Number of patients admitted during fiscal year 1911-1912 2,462

DISPOSITION OF PATIENTS.

Discharged (sent home)	2,362
Transferred to Park Police Station	22
Transferred to Richmond Police Station	2
Transferred to O'Farrell St. Police Station	1
Transferred to Insane Detention Hospital	1
Transferred to City and County Hospital	5
Transferred to Central Emergency Hospital	47
Transferred to S. F. Relief Home	1
Transferred to St. Francis Hospital	3
Transferred to St. Joseph's Hospital	4
Transferred to University of California Hospital	1
Transferred to German Hospital	2
Transferred to Hahnemann Hospital	1
Transferred to Trinity Hospital	1
Transferred to Morton's Sanatorium	1
Transferred to Buena Vista Sanatorium	2
Transferred to Morgue (Dead on arrival)	2
Transferred to Morgue (Died in hospital)	4
Total	2,462

July, 1911—		
Number of Surgical cases treated	242	
Number of Medical cases treated	30	
Total		272
Number of Emergency Ambulance calls	42	
Number of Transfer Ambulance calls	5	
Total		47

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August, 1911—		
Number of Surgical cases treated	262	
Number of Medical cases treated	27	
Total		289
Number of Emergency Ambulance calls	29	
Number of Transfer Ambulance calls	22	
Total		51
September, 1911—		
Number of Surgical cases treated	241	
Number of Medical cases treated	14	
Total		255
Number of Emegency Ambulance calls	42	
Number of Transfer Ambulance calls	10	
Total		52
October, 1911—		
Number of Surgical cases treated	212	
Number of Medical cases treated	28	
Total		240
Number of Emergency Ambulance calls	36	
Number of Transfer Ambulance calls	16	
Total		52
November, 1911—		
Number of Surgical cases treated	215	
Number of Medical cases treated	22	
Total		237
Number of Emergency Ambulance calls	27	
Number of Transfer Ambulance calls	16	
Total		43
December, 1911—		
Number of Surgical cases treated	206	
Number of Medical cases treated	27	
Total		233
Number of Emergency Ambulance calls	19	
Number of Transfer Ambulance calls	18	
Total		37
January, 1912—		
Number of Surgical cases treated	163	
Number of Medical cases treated	21	
Total		184
Number of Emergency Ambulance calls	19	
Number of Transfer Ambulance calls	37	
Total		56
February, 1912—		
Number of Surgical cases treated	118	
Number of Medical cases treated	14	
Total		132
Number of Emergency Ambulance calls	13	
Number of Transfer Ambulance calls	19	
Total		32
March, 1912—		
Number of Surgical cases treated	131	
Number of Medical cases treated	8	
Total		139

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Number of Emergency Ambulance calls	31	
Number of Transfer Ambulance calls	18	
Total		49
April, 1912—		
Number of Surgical cases treated	136	
Number of Medical cases treated	14	
Total		150
Number of Emergency Ambulance calls	35	
Number of Transfer Ambulance calls	19	
Total		54
May, 1912—		
Number of Surgical cases treated	157	
Number of Medical cases treated	9	
Total		166
Number of Emergency Ambulance calls	37	
Number of Transfer Ambulance calls	44	
Total		81
June, 1912—		
Number of Surgical cases treated	155	
Number of Medical cases treated	10	
Total		165
Number of Emergency Ambulance calls	53	
Number of Transfer Ambulance calls	46	
Total		99

DETENTION HOSPITAL.

Number of patients remaining in hospital June 30, 1911	5
Number of patients admitted during fiscal year 1911-1912	1,080
Total	1,085

DISPOSITION OF PATIENTS.

Discharged (sent home)	298
Committed to Mendocino State Hospital	235
Committed to Stockton State Hospital	172
Committed to Napa State Hospital	193
Committed to Agnews State Hospital	121
Committed to Patten State Hospital	1
Committed to Sonoma State Home	20
Transfered to Relief Home	1
Transferred to City & County Hospital	5
Transferred to Central Emergency Hospital	10
Transferred to U. S. General Hospital	1
Transferred to German Hospital	1
Transferred to St. Catherine's Home	1
Transferred to Private Sanitariums	4
Returned to County Jail	9
Returned to City Prison	6
Transferred to Morgue (Died in hospital)	2
Total	1,080
Number of patients remaining in hospital June 30, 1912	5

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RECAPITULATION.

CENTRAL HOSPITAL.

Total number of Surgical cases treated	7,556	
Total number of Medical cases treated	3,946	
Total		11,502
Total number of Emergency Ambulance calls	1,732	
Total number of Transfer Ambulance calls	49	
Total		1,781

HARBOR HOSPITAL.

Total number of Surgical cases treated	5,915	
Total number of Medical cases treated	970	
Total		6,885
Total number of Emergency Ambulance calls	1,297	
Total number of Transfer Ambulance calls	275	
Total		1,572

MISSION HOSPITAL.

Total number of Surgical cases treated	3,379	
Total number of Medical cases treated	217	
Total		3,956
Total number of Emergency Ambulance calls	713	
Total number of Transfer Ambulance calls	177	
Total		890

POTRERO HOSPITAL.

Total number of Surgical cases treated	3,149	
Total number of Medical cases treated	184	
Total		3,333
Total number of Emergency Ambulance calls	246	
Total number of Transfer Ambulance calls	46	
Total		292

PARK HOSPITAL.

Total number of Surgical cases treated	2,238	
Total number of Medical cases treated	224	
Total		2,462
Total number of Emergency Ambulance calls	383	
Total number of Transfer Ambulance calls	270	
Total		653

DETENTION HOSPITAL.

Total number of cases admitted to Detention Ward	1,080
Grand total number of cases treated during fiscal year 1911-1912	28,858
Grand total number of Emergency Ambulance calls, year 1911-1912	5,188

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INSPECTOR OF INDIGENTS.

San Francisco, Cal., August 1, 1912.

To the Honorable,
The Board of Health,
San Francisco, Cal.

Through Chief Surgeon, Emergency Hospitals.

Sir:—The position of Inspector of Indigents was not originated by San Francisco, as many years ago England engaged lady almoners in their large dispensaries in London to prevent the abuse of hospitals. The Board of Health was forced to this issue in the year 1907, when they contracted to send our sick poor to private hospitals. My report of a two years' experience proved the value of such inspection. Returning after a lapse of two years to the same position, with a totally different aspect confronting me, as the use of private hospitals has been discontinued, and now all applicants were sent to the City and County Hospital. What has it meant, and is it worth while for the city to have a trained social worker in the Board of Health? Will endeavor to show you some of the problems I meet with every day. The numerical report has been carefully kept, as figures speak louder than words, also produce valuable statistics.

Applicants sent to the City and County Hospital signify that each person was interviewed. and some history obtained. Recurrent cases invite one's attention, as it indicates where improvement in hospital work is necessary. For instance, there is the heart case, recurrent four or even five times in a year. Many of these are alcoholically disposed and little can be done with them; still the remainder need advice and supervision, which the busy Chief has not the time to give. The new San Francisco Hospital being situated in town and convenient to car service will include small lecture rooms where these and other chronics will be taught how to live. The several to whom I have spoken never dreamed of regarding a certain diet, and doing thus and so, as when in the hospital. This training will certainly reduce the number of recurrent cases and the patient and the city benefits by the plan.

The recurrent Relief Home applicant is another type. Some really take a pass expecting to find work and will work if they are able; others to get drunk. Mr. Wollenberg's late rule is a wise one and has proven effective. An inmate that leaves the Relief Home without permission must stay out ninety days. This rule creates anger and hot grumblings from the punished one when refused readmittance, especially when he comes armed with a letter from persons of position, who, judging from the tone of their note, suppose that this is his first application. Interested parties have discussed this point with me, as to whether blacklisting in a city institution is right. If order and peace are to be regarded—yes. There are many institutions for the poor that are conducted on very severe lines; leaving once without permission forever bars their reentrance.

The recurrent tubercular is another trial. He also recognizes no law, and later, I treat of his mode of procedure when he desires readmission. The general public is beginning to realize the need of a struggle against tuberculosis, and when I visit a house from where a tubercular is to be removed, the occupants are interested to know what precautions to take in fumigating, etc. The different settlements of the city are most active in discovering the tuberculosis germ in the home of their poor, and sometimes it takes weeks of persuasion before the patient will consider being moved to the hospital. I often wonder if the city realizes the vast amount of good these social workers do; first, in noting the disease (not alone tuberculosis), then reporting it, if

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contagious, and furthermore, never satisfied until the cause is ascertained. They are great educational centers and of invaluable assistance to the city, as hundreds of poor are cared for by their district nurses. An emergency hospital should not house a tubercular patient even for one night. In the Central Hospital there are only four small rooms or cells where they can be kept, and these were built for delirium tremen cases, so, if crowded, there is only the medical ward bed. It does happen, especially during the wet season when the tuberculosis hospital cannot accept another patient, particularly as the number enlisted is swelled by the non-resident.

It may appear idealistic, but, in the near future, I hope to see broad lines drawn in the social division of the tubercular patient. The mother or sensitive woman objects to being placed near or by the prostitute. Not all, but some of these unfortunates, angry at fate, make others miserable by their vile ejaculations. The public and Supervisors must realize and appreciate the educational value of the Tuberculosis Hospital, and show their appreciation in allowing a sufficient appropriation to carry on the fight.

In each monthly report a number of people are listed as going to private hospitals and these people usually apply for City and County care, so the private hospital numbers do not include any patient that has been removed to a private hospital by his friends or relatives. Nearly all entered hospitals on special rates or were sent by societies through my recommendation. The latter cases are carefully chosen and presented, as societies will not accept a burden that rightfully belongs to the City. This knowledge comes from experienced, systematic charity work. Few are registered as being referred to clinics, yet special care has been taken to keep the clinic case out of the hospital; although this is unavoidable, especially in the tramp case. Years ago a man entered the hospital on any excuse for a pain; out of work even laid them up in the hospital, and it is a sickening disease. Old timers have told me, and I believe it to be true, that they often stayed through the winter at the City and County Hospital or Relief Home, and "nuthin wuz sed." Societies have co-operated splendidly and are interested in this portion of the city's work. Our problems are more or less alike, hence their sympathetic co-operation.

The reporting of cases liable to deportation has been carefully observed. I have in mind the case of a young man who will be a public charge as long as he lives. His residence in the United States is of six years' duration and he has been chronically ill for over three and is now at the Relief Home a helpless cripple. This man should have been deported.

An interesting phase of this work is the demand and disposal of the non-resident class. The tabulated report signifies the number, also the length of residence of such applicants, and, for the last few months, the disposal is listed, conclusively demonstrating that San Francisco does not shirk her humanity problems.

Returning the patient to his own country cannot be successfully managed until there is a transportation fund to draw upon, and even then, caution and good judgment must be exercised when the fund is provided, as the vagrant may take advantage of this ruling. Charitable Societies generally verify the person's story, still an experienced investigator can usually conduct the questioning without the person's knowledge. Remarkable also is their style of dress. Neighboring and far off counties have absolutely no compunction in shipping patients here that have met with accidents in their county and who cannot prove a residence. Is it not wise to consider this problem at once, especially as in the near future the demands upon the hospital will be enormous. Further on this type of tramp and non-resident class is discussed. The latter does not include the "Off and On" applicant, which literally means "non-resident," as this class is not a taxpayer or voter. Interviewing this type, whether in the cheap lodging house or at the Central Emergency Hospital, or

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when brought in by the Police, has impressed upon me the need of free baths, the shower particularly. In many of the cheap lodging houses, baths are extra. In one, where the baths were free, the doors were locked.

I was surprised to see the splendid shower rooms in the Central Police Station, as men and even women are sent from there in a filthy and mal-odorous condition. Usually they are only one nighters. It is perfectly true that bodily bathing will not improve the state of the clothing, and if this is placed in the fumigating house it is not habitable the next morning. Fancy riding in an ambulance for forty-five minutes with such an offensive inmate, and it seems just as cruel to inflict the car passengers. Shower baths are needed in the emergency hospitals, and when the water system is owned by the city, the Board of Health can demand free bath service in all cheap lodging houses. Questioning such applicants, and appreciating that the bath water is an aversion to the many, they often affirm that they could just meet the lodging expense. Asking one old fellow why he did not present himself clean, he quickly responded: "Sure lady that's what I am going to the Relief Home for—a bath."

The visitor that responds to a sick call, relative to the party becoming a city charge, naturally inquires into the cause of such illness and observes the surroundings and the state of the children's health, if there are any. The wide scope of the work keeps her in touch with labor conditions, and she is competent to render suggestions regarding employment, or assist in benefiting the situation by calling in the aid of the particular society that will attend the family's needs.

Little Bobby had been in the hospital many weeks longer than necessary, and, as his mother showed no disposition to regard the discharge card, I was asked to learn the reason, so called the following day at the home, if such a shack can be termed thusly. No one responded to my knocking but an inquisitive neighbor, who supposing I was an agent from the Children's Society, became quite loquacious respecting the attitude of the Board of Health, but declined, as other neighbors had, to report the state of affairs; although they all knew that the water had been turned off for days. Bobby's parents were known to the societies; both drank, the father a little more than the mother, and the former averse to work. Only three children were at home, the other three being divided among the relatives. As Bobby would surely cause discomfort in this home of one broken bed, I sought the aid of the Associated Charities and Bobby goes to the country and the reports to the Board of Health and Society for the Prevention of Cruelty to Children.

What should be the attitude of a physician or social worker toward the family man who applies for admission to the City and County Hospital, and his disease is diagnosed as syphilitic? Are his wife and children to be exposed to a disease as fearful as tuberculosis? This man's duty was pointed out to him and he made clearly to understand that his wife and children must be placed under medical supervision.

Continual sickness in a working man's home gradually breaks the spirit, no matter how courageous it is. The B's struggled along for a year under this ill fortunte, bravely trying to meet the payments on their little home, which Mrs. B kept immaculate. Three years ago I was asked by a physician to visit this family and found the elder son dangerously ill. The frail mother consented to the boy's removal to a private hospital. Later an adominal belt was given her and all seemed well. Recently a woman sought me in tears, and it was Mrs. B. The same boy was again ill, and as a doctor's bill had not been paid, the mother feared to call on him, but a physician's services were soon secured; also the kindly attention of Mrs. Sweitzer and her settlement nurses, who later reported that Willie had a serious form of typhoid and hospital care was urgent, especially as another child had come down with the same disease. Willie was sent to the hospital, the baby cared for at home, and all going smoothly when

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Mr. B. injured his wrist and lost the steady job he had been so long in securing. Mrs. B. finally desperate, felt that she must break up the home, and it took considerable tact and patience to make here realize a mother's place is with her children. Mr. B is now established in a steady position and Willie and his mother recuperating in the country. Many a man, woman and child would be spared severe illnesses if the monotony of their labors and life were intercepted with wholesome vacation.

A year in any hospital seems an eternity, yet K was over this period of time in the City and County Hospital, and could not be conscientiously dismissed until a knee brace was fitted, so his surgeon made known his need, which I ascertained would cost $80.00. The man had not been entitled to San Francisco hospital care as a resident, because the accident had happened in a northern county, where he had been employed many years. The superintendent permitted three months' care in this county hospital, then paid his way to San Francisco where he requested and was granted hospital attention the day he arrived. His relatives were averse to assisting, but finally recognized the obligation, inasmuch as I had appealed to a Society to bear part of this expense. To accomplish this required many hours of writing and reasoning, but the city was the gainer, as well as the man.

This is a frequent demand: "Will you call upon so and so today and insist on their going to a hospital?" Often I find the patient not prepared for my visit nor conscious of the nature of their disease. One of my most pathetic visits was to the home of Mrs. C. As I approached the house the look of destitution was very apparent. There was no response to my continued knocking, so fearing the worst, pushed open the door—to see standing in the center of the room two besmirched, half naked little cherubs. The abode of three rooms reeked with poverty and delapidation. In the inner room, lying asleep amid filthy bed covering, was the wasted form of a partially dressed woman, the mother. In a cradle nearby, slept a naked, emaciated eight months' old baby. I gently awoke the mother and told her that friends had bidden me come and take her to a hospital. This gentle little soul and I became well acquainted in a few moments and she promised to go if I would care for her babies. I began this care by hunting up the eldest child of six, who was playing on the street, and, in the meantime, telephoned for the ambulance, and notified the Society that had requested me to make this call, as they were to arrange for the disposition of the children. The husband was putting in his first day's work in months. Great praise is due the city ambulance drivers and stewards for the manner in which they handle our unfortunates. For instance, in this case, the slightest gruffness, even if unintentional, would have completely upset all my carefully arranged plans, as the people had never appealed for aid.

Out of twenty typical cases of non-residents. I have chosen the following stories. These applicants come from New York, Idaho and even Alaska. They do not include the Mazatlan refugees.

Mr. D. W. D., a millwright traveled to California from Arkansas, stopped over at Los Angeles two days, San Francisco two days, then went to Fort Bragg, where he resided two weeks before he struck a job. Worked but a few hours, when the scaffolding broke, and he was the only one injured, his leg being badly fractured. According to the man, the Company's surgeon set the limb and also was responsible for placing him on the boat bound for this city, and giving him a note addressed to the Health Officer, stating that the man shipped from San Francisco and was resident of but one day at Fort Bragg.

This case No. 2.—C. M. while employed as a gardener in Menlo Park, fell from a tree and fractured his arm, which was set by a surgeon there. He came to San Francisco to compel his employer to pay his expenses, which he refused to do. The man was destitute and the arm needed the X-Ray. Disposition—City and County Hospital.

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Case No. 3.—G. W. S. lived in Weed, Cal., five years. Taken ill and after suffering two weeks thought he would be better off in a hospital, so travelled south and was admitted to our City and County Hospital, as he was a very sick man. His brother, a resident here, would not accept any responsibility.

Case No. 4.—Old Pat had been a charge in an almshouse for four years. Became restless and abusive and was encouraged to move on, so moved here. Indignant when refused a pass to the Relief Home, but finally decided to return on what was left of his travelling expenses.

Case No. 5.—The tubercular is certainly inspired with the "Wanderlust," and is encouraged more or less to wander. They become belligerent beggars, and as it many times happen when there are no empty beds at the T. B. Hospital, and I am forced to refuse them admittance, they quickly go and seek a sympathetic listener, usually the President of a Society, or other well known personages. These people are naturally indignant and speedily communicate with the City and County Hospital, the argument being the danger this person is to the public, which is all very true, but the tramp T. B. is always a menace and only seeks hospital care when his funds are exhausted. This disgruntled patient will destroy the peace of an entire ward, or even hospital, besides taking the bed that belongs to the resident. This tramp T. B. must be cared for, but the public should realize the enormous difficulty in getting results from the T. B. Hospital. My personal experience has been that the lodging house keeper has little fear of tuberculosis infecting his house until a man is unable to pay his rent, and then the cry of "remove him" is strenuous.

J. C. had been in a southern hospital for years. Friends assisted him to visit San Francisco. He, like many of our tubercular patients, was addicted to the use of alcohol. Here but a day or so when compelled to apply for admittance to our hospital. The little jaunt had completely undone the work of years, and, furthermore, he became our charge.

J. Z., an Italian, claiming to be a resident of Colorado for several years, and, without doubt, ill there, as he acknowledged to two years' illness. Received treatment in two county hospitals of this State, and evidently wanting another change of scene, came to San Francisco and presented himself as an applicant for the Tuberculosis Hospital. The advice to return to his last county residence occasioned disagreeable remarks, but he left and a few days later appeared with a note from the Consul, to which I responded, requesting him to return the man to the county where he was entitled to hospital attention.

S. McL., a Scotchman, had drifted from one town to another for a year seeking employment, and working as his health permitted. Arrived in this city destitute, and was directed to the S. F. Industrial Relief Home for Homeless Men, where they soon discovered he was tubercular. Thus his first hospital experience.

B. W. had been in California but eighteen months and employed in the northern part of the State. He was a fine looking young man of twenty-one and was taken ill while at work. The Company physician treated him for two months and then advised him to consult a specialist in San Francisco. B. W. sincerely supposed that the Company intended bearing the expense, as the doctor had given him a letter to a physician, who, when he read it, recommended the young chap to the Central Emergency Hospital, I would not consider hospital admission until the company was communicated with, which B. W. preferred to do, as he now realized he had a grievance. This case would have cost the city months of hospital care.

D. L. was born with a tubercular spine. Upon reaching maturity was sufficiently strong to do clerical work in a bank. His health breaking, a sister sent him to a splendid sanitarium near his own State of Illinois, where

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he received free care for months. While there conceived the idea of coming West and was encouraged in this by a relative here. Scarcely settled when he addressed Dr. Brodrick, asking the location of the Tuberculosis Hospital, and a little later presented Dr. Broderick's response to me. Questioning drew forth the above story; also that his sister was too poor to supply the daily dressings. Hospital care was not necessary at that time, but he has been in the hospital since and has also received aid from the Associated Charities. In the near future this young man will become a permanent city charge.

Seventy-two year old G. L., claiming to be a laborer, yet his only recollection of steady work was in the flour mills in the year '64 and '65. Just dismissed from the Sacramento County Hospital where he had been seven days. His San Francisco residence was for a period of two weeks. This driftwood of humanity was sent to the Relief Home.

Totally blind, filthy and destitute and led by another tramp, J. V. applied and was referred to the Relief Home after ten days' residence. He had been in the United States but ten years, California nine years, six years of this time in Los Angeles, but for the past two years a wanderer.

An old Bohemian, who, when able, supported himself by doing kitchen work, had been an inmate of the Los Angeles County Poor Farm for six years. Suddenly became most enthusiastic to hunt up a friend that lived in San Francisco and whom he had not seen in thirty years, so left the Poor Farm and earned enough to come here on the reduced boat rate. C. P. had charm and won the heart of the surgeon on duty, because he resembled his father-in-law. I ascertained that the old man had been an inmate of the Los Angeles Poor Farm, yet could not return him as there were no funds for this purpose. So he is still happy, I imagine, at the Relief Home.

This seemed the most pathetic case I ever came in touch with. The man positively tumbled into the Central Emergency Hospital, too faint for words. Later learned he was suffering with cancer and had been operated upon in Topeka, Kan., near which town he had been employed as a farm hand. Convalescent, was sent to the Poor Farm, and managed, while there, to sell his effects for $17.00, and with this mighty sum started to Sunny California in search of health; although the physicians had frankly advised him that there was no cure. At Reno his courage and spirit failed, as the old pains tortured him. Applied for but was refused hospital admittance, so over the Sierras he trudged, treatment being refused everywhere. His last 10c brought him over the ferry, but his old nickel watch could not buy him a cup of coffee. Needless to add he was sent to the City and County Hospital, and before starting was freshened up on a bowl of Central Emergency soup.

A charitable society paid young H. G.'s fare from Washington, being impressed, no doubt, with his ability to make good. While in that State a public charge for months, and his condition on arrival here warranted our sending him to the City and County Hospital.

Convalescents and chronics come from all parts of the United States, urged on they say by physicians who recommend change of climate. Personally I do not believe it takes much urging, as they fully prepare to register themselves county charges as soon as their little gives out. Friends and sometimes Societies make up a purse to send an unfortunate along, never anticipating the problems that are before him. One month I kept a record of causes of accidents of non-residents and nearly all were due to alcoholism. These cases all become city charges.

Particular interest is portrayed in the young girl who comes here to hide her shame, especially in seeking to open their eyes to a better way of living. Many overcome with mother love determine to keep the baby and are encouraged and assisted to do so.

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A certain amount of success has been met with in demanding those who were able to pay for their maintenance at the City and County Hospital or Relief Home. This is not enforced or even requested where the family needs the sick benefit coming from a Society or pension, nor are people allowed to take advantage of the city and county rate when they are positively able to enter other institutions. Relatives worn out by the discontent and vagaries of the sick old father or mother will make application to place him or her in the City and County Hospital or Relief Home, then it is learned that these old folks own the home and carry a fairly good life insurance, which the children (who as a rule are all grown and employed) never permit to lapse, thus they are charged $15.00 per month; the other cases are those that have a small pension or income from a piece of property that does not amount to more than $15.00 or $20.00 per month. This entitles them to a home and care which they could not possibly procure for that rate in any private institution.

Improvement in the transportation of the City and County patient is urgently needed, and I hope the accompanying photos will prove this. At the present time Mr. Harry Rix, ambulance driver, can make but one trip a day to the City and County Hospital, and returning picks up the tubercular cases, carrying them to their destination, the other end of the city. Should there be, as it often occurs, more than two stretcher cases, only two can possibly be placed in the bed of the present ambulance, and these in a distressingly uncomfortable manner. Two more patients can be seated on a bench which is lodged at the extreme end of the ambulance and these are crushed into this space. Supposing only one stretcher case is taken, then a bench is raised on the side of the ambulance and this will carry five persons, who arrive at their destination with another complaint, "cramped legs," because if they dared stretch, the prostrate occupant would be injured. In former times I have seen refined women compelled to ride with a motley set of sick men. Recently this arrangement has been adjusted by the kind consideration of Dr. Alanson Weeks, Chief Surgeon, who has ordered that all women or the very urgent case shall be transported by the automobile ambulance. This is indeed a great privilege, as it actually cripples one of the emergency hospital stations. The pressure in the winter months is inconceivable, and would affect the nerves of the most hardened. The care of the sick shows a city's development, and why we are not improving our City and County ambulance service, as quickly and as efficiently as we are the hospital conditions is incomprehensible to a worker in the hospital service.

A few hours in the Emergency Hospital is all that is required to impress anyone of its importance and usefulness. Dr. Alanson Weeks, Chief Surgeon, and Mr. Chas. Bucher, Chief Steward, are constantly planning improvements. Still in this great department of the city's service, there is a great lack and that lack is—the appreciation and consideration due their nurses, stewards and ambulance drivers. These forty-five people work with their nerves at strain seven days a week, thirty or thirty-one days a month and three hundred and sixty-five days a year with never a single holiday or vacation to break the monotony. Yes, a holiday is permitted, if they pay a substitute. Is this consistent in a Health Department? Waving the idea of justice aside, what of conserving the strength and nerve force of such employees. I sincerely hope that the Mayor and the Board of Supervisors will not let this year pass without rectifying this injustice by establishing the six day a week work, observing not only labor law, but God's law.

The duties of an Inspector of Indigents leads only to a fuller and better work. A work that assists the city in handling its sick poor in a skillful, yet humane way, and if I may be permitted to say so, it has seemed worth while from the monetary point of view. Sending a person to a hospital is only the beginning. The medical or surgical man of this day is rarely satisfied with his

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efforts that end with the dismissal of a patient. It is vitally necessary that this person's home conditions are known and that his convalescence is watched, so the attentions of the medical or surgical man is not lost. Experience has taught us that this is most essential with women and children, and our San Francisco medical schools are recognizing this fact, a fact that is well organized in all the large hospitals of the Eastern cities. Quoting Dr. Richard Cabot of the Mass. General Hospital "at least two-fifths of the patients treated need more than mere medical or surgical care. To these two-fifths and to the physician who treats them, the work of the dispensary without sympathetic advice and care in the home is 'dust and ashes.'" All this is termed Hospital Social Service Work, and I hope to see this bureau established in our New San Francisco Hosptal.

Respectfully,

GWENDOLAN NEWELL,

Inspector of Indigents.

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STATISTICAL REPORT INCLUDES THE WORK OF S. J. CLAWSON DURING THE MONTHS OF JULY, 1911, TO FEBRUARY, 1912. MY WORK COMMENCED FEBRUARY, 1912.

	Jul.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Sent to Private Hospitals as City Cases	6	....	....	....	....	....	....	....	....	....	....	....	6
Referred to City and County Hospital	240	267	235	217	231	272	....	140	159	155	168	143	2227
Recurrent City and County Hospital Cases	....	....	....	....	....	....	....	....	....	51	37	24	112
Referred to Relief Home	44	24	21	27	30	38	....	46	35	37	36	37	375
Recurrent Relief Home Cases	....	....	....	....	....	....	....	....	14	12	20	12	58
Referred to Tuberculosis Hospital	....	....	40	38	32	33	....	9	23	13	23	28	239
Recurrent Tuberculosis Cases	....	....	....	....	....	....	....	....	....	2	4	2	8
Referred to Isolation Hospital	....	....	1	1	4	9	....	3	5	2	1	2	28
Died	1	....	....	1	....	1	....	....	....	....	....	....	3
Referred to Private Hospital	1	....	....	....	....	....	....	10	12	12	17	22	74
Referred to Clinic	16	28	40	36	38	36	....	17	17	10	6	8	252
Discharged	9	29	39	41	44	28	....	....	....	....	....	....	190
Referred to Societies	....	....	....	....	....	....	....	21	16	12	10	5	64
Taken Home by Friends	2	12	10	9	10	10	....	....	....	....	....	....	53
Referred to Relatives	....	....	....	....	....	....	....	3	2	9	4	6	24
Referred to Detention Hospital	3	3	1	3	3	....	....	....	....	....	....	3	16
Cases Liable to Deportation	....	....	....	....	....	....	....	3	9	10	4	13	39
Refused City and County Hospital	....	....	....	....	....	....	....	....	2	15	2	....	19
Refused Relief Home	....	....	....	....	....	....	....	....	3	7	3	2	15
Refused Tuberculosis Hospital	....	....	....	....	....	....	....	....	....	....	1	....	1
White Slave Cases	....	....	....	....	....	....	....	....	2	....	....	....	2
Cases referred back to own Countries	....	....	....	....	....	....	....	....	3	4	4	2	13
Visits and Investigations	41	78	82	78	80	87	....	80	97	101	89	89	902
Cases to pay at Relief Home	....	....	....	....	....	....	....	....	1	....	6	1	8
" " " " City and County Hospital	....	....	....	....	....	....	....	....	3	....	6	....	9
" " " " Tuberculosis Hospital	....	....	....	....	....	....	....	....	1	1	1	....	3
Applicants app. with no residence	....	....	....	....	....	....	....	....	6	1	7	5	19
" " " less 1 wk. residence	....	....	....	....	....	....	....	....	20	19	25	11	75
" " " " 1 mo. residence	....	....	....	....	....	....	....	....	22	11	11	17	61
" " " " 2 mo. residence	....	....	....	....	....	....	....	....	7	13	3	7	30
" " " " 3 mo. residence	....	....	....	....	....	....	....	....	10	5	7	2	24
Disposal Private Hospitals	....	....	....	....	....	....	....	....	....	1	....	....	1
" City and County Hospital	....	....	....	....	....	....	....	....	....	31	33	26	90
" Relief Home	....	....	....	....	....	....	....	....	....	3	2	4	9
" Tuberculosis Hospital	....	....	....	....	....	....	....	....	....	4	6	6	16
Isolation Hospital	....	....	....	....	....	....	....	....	....	....	1	1	2
Clinic Hospital	....	....	....	....	....	....	....	....	....	2	4	1	7
Societies	....	....	....	....	....	....	....	....	....	....	1	1	2
Relatives	....	....	....	....	....	....	....	....	....	2	....	....	2
Back to own Country	....	....	....	....	....	....	....	....	....	4	....	1	5
Refused Hospital care	....	....	....	....	....	....	....	....	....	2	3	2	7
	363	441	469	451	472	514	....	332	469	543	541	479	

*No reports for January.

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ANNUAL REPORT OF CITY PHYSICIAN AND BUREAU OF TROPICAL DISEASES.

San Francisco, July 1, 1912.

To the Honorable Board of Health,
San Francisco, California.

Gentlemen: I have the honor to submit the following report for the fiscal year ending June 30, 1912

This report covers the work of the Bureau of Tropical Diseases for the entire year and the work of the City Physician since April 1st, 1912, at which time the two positions were consolidated.

Number of visits to patients	562
Number of patients at clinic—new	217
Number of patients at clinic—re-examinations	424
Number of patients at City prison	380
Number of vaccinations	476
	2,059

LABORATORY EXAMINATIONS.

Stools	461	
Night blood (Filaria)	106	
Miscellaneous	127	694
Total		2,753

DISEASES ENCOUNTERED (TROPICAL).

Hookworm	70
Tricocephalus Dispar	93
Ascaris Lumbricoides	41
Taenia Nana	9
Taenia Saginata	2
Bilharziosis (Schistosomum Mansoni)	5
Cercomonas Intestinalis	6
Balantidium Coli	1
Strongyloides Intestinalis	13
Amebiasis	4
Malaria	7
Leprosy	1

Experiments have been carried out regarding the transmission of the parasite of Bilharziosis, Schistosomum Mansoni, and cases have been observed after the administration of Salvarsan. Up to the present time no definite conclusions can be drawn.

Hook worm disease treated—cured, 35.

The appointment of a nurse for one month by the Association Charities made it possible to treat a number of hookworm cases and demonstrated the economy of treating the class of cases handled by the Board of Health in their abodes instead of in the County Hospitals.

Only a small portion of the hookworm cases entering at this port, except those passing through the U. S. Immigration Station, come under observation as most of them scatter throughout the city or state on their arrival, there being no provision whatsoever for systematic examinations at the time of landing.

That these cases are a serious menace to this city as well as to the rural districts of the State was clearly demonstrated by the finding of a number of infected persons residing in the vegetable raising district of this county—a district unsewered and affording ideal conditions for the propagation of the disease.

The appointment of a nurse or an inspector who would co-operate with the Associated Charities is necessary as a preliminary step in the control of this situation.

Respectfully,
HERBERT GUNN, City Physician.

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STATEMENT OF UNIT COSTS CENTRAL OFFICE DEPARTMENT OF PUBLIC HEALTH, FISCAL YEAR 1911-12.

EXECUTIVE OFFICE.

	Funds Dept. of P. H.	Other Funds
Salaries—		
H. O., chief clerk, two stenographers, two-third salary of telephone operator	$10,754.20	
Expenses—		
General and incidental expense of department upkeep of auto, photo work in condemnations, transportation H. O. repairs	1,896.94	
Rent 1085 Mission Street		$ 3,960.00
Light, gas and electricity		306.15
Water		23.70
Stationery and printing, typewriters and repairs		1,462.51
Postage		720.00
Salaries of two police officers detailed to this Department		2,928.00
Wages of Janitor $960.00 per annum		960.00
	$12,651.14	$10,360.36

This total cost of executive office and other expenses is to be divided among the different bureaus of the Department of Public Health pro rata to the number of months work during the fiscal year 1911-1912.

Total number of working months of Central Office 834.

Average pro rata of executive cost per working month, $15.17.

Average pro rata of rent, light, water, stationery, postage, referred in the report as other costs, per working month, $12.42.

BUREAU OF SANITATION.

Salaries—	
Chief Sanitary Inspector, Clerk, Stenographer, one-third of telephone operator	4,042.80
Expenses	75.73
	$ 4,118.53

The total cost of above to be divided among the different inspection bureaus of the Department of Public Health pro rata to the number of months work during he fiscal year 1911-1912.

Total number of working months Bureau of Sanitation, 694.

Average pro rata of cost of Bureau per working month $5.93.

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	Funds D. of P. H.	Other Funds	Credits	Total	Units of Work	Total	Average
BUREAU OF VITAL STATISTICS—							
Salaries of three clerks	3,780.00						
Expenses	34.40						
Pro rata of executive cost 36 months work	545.25						
Printing		295.34					
Pro rata of other costs		447.26					
Fees collected			875.50	4,176.75			
Burial cremation, disinterment permits issued and miscellaneous permits					12,876		
Abstracts of birth and death record issued					1,120		
Births and Deaths Recorded					14,907	28,903	
Cost of each unit							.144
SANITARY INSPECTION—							
Salary of four inspectors	6,240.00						
Transportation and expenses	508.24						
Pro rata of executive cost 48 months' work	727.00						
Pro rata of Bur. of Sanit. costs 48 months work	284.65						
Printing		318.70					
Pro rata of other costs		596.25					
Fines collected			15.00	8,674.84			
Number of inspections made upon complaint					9,682		
Number of premises quarantined					577		
Number of infectious diseases investigated					6,801	17,060	
Cost of each unit							.508
DISINFECTION—							
Salaries of two disinfectors	2,760.00						
Transportation	1,080.00						
Expenses	471.33						
Pro rata of executive cost 24 mos. work	363.50						
Pro rata of Bur. of Sanit. cost 24 months' work	142.35						

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Pro rata of other costs		298.25					
Formaline used from stores sent to S. F. after disaster of 1906—479 gals. @ 1.10		526.90		5,642.33			
Number of rooms fumigated						2,753	
Cost per room							2.05
PLUMBING INSPECTION—							
Salaries of chief and 5 inspectors	11,100.00						
Transportation	2,376.00						
Pro rata of executive cost 72 months work	1,090.50						
Pro rata of Bur. of Sanit. 72 months' work	426.96						
Printing		128.39					
Pro rata of other costs		894.90					
Fines collected				16,011.15			
Number plans examined					1,577		
Inspection on construction and sewers					16,261		
Inspection of nuisances					1,665	19,503	
Cost of each unit							.88
MARKET INSPECTION—							
Salaries of fifteen market inspectors	21,326.00						
Transportation and expenses	920.35						
Pro rata of executive cost 182 months' work	2,760.39						
Pro rata of Bur. of Sanit. cost 182 months' work	1,079.26						
Printing		25.65					
Pro rata of other costs		2,260.50					
Fines collected			40.00	28,332.15			
Places inspected					54,245		
Cattle, hogs and sheep slaughtered and inspected					1,712,946		
Poultry and Game (dozens)					369,366		
Fish Boxes of 200 lbs.					33,968	2,170,525	
Cost of each unit							.013
*TRUCK GARDEN INSPECTION—							
Salary of 1 inspector	805.00						
Transportation	34.80						
Pro rata of executive cost 7 months work	106.00						

*Handled by food inspectors from Feb. 1, 1912.

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	Funds D. of P. H.	Other Funds	Credits	Total	Units of Work	Total	Average
TRUCK GARDEN INSPECTION—Cont'd.							
Pro rata of Bur. of Sanit. cost 7 months work	41.52						
Pro rata of other costs		87.00		1,074.82			
Market inspections					70		
Wagons inspected					339		
Garden inspections					632	1,041	
Cost of each inspection							1.03
*GARBAGE INSPECTION—							
Salary of one inspector	875.00						
Transportation	40.15						
Pro rata of executive cost 7 months' work	106.00						
Pro rata of Bur. of Sanit. cost 7 months' work	41.52						
Pro rata of other costs		87.00					
Fines collected				1,149.67			
Wagons inspected					3		
Premises inspected					2,309	2,312	
Cost per inspection							.479
INDUSTRIAL INSPECTION—							
Salary of two inspectors	2,746.65						
Transportation	120.35						
Pro rata of executive cost 24 months' work	363.50						
Pro rata of Bur. of Sanit. cost 24 months' work	142.32						
Pro rata of other costs		298.25		3,671.07			
Total inspections						7,042	
Cost of each inspection							.521
MILK INSPECTION—							
Salaries of food and dairy inspectors	1,276.17						
Expenses and transportation	149.80						
Pro rata of executive cost 12 mos. work	181.75						
Pro rata of Bur. of Sanit. 12 months' work	71.15						

*Discontinued as a bureau Feb. 1, 1912.

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Pro rata of other costs		149.25					
Fines collected (one-half where analyses have been made)			1,482.50	345.62			
Samples of milk collected from all sources						5,218	
Cost of each sample taken							.066
FOOD INSPECTION—							
Salaries of five food inspectors	4,820.59						
Transportation and expenses	202.31						
Pro rata of executive cost 46 months' work	697.50						
Pro rata of Bur. of Sanit. cost 46 months' work	272.80						
Printing		3.96					
Pro rata of other costs		571.50					
Fines collected			155.00	6,413.66			
Number of inspections made						13,178	
Cost of each inspection							.486
DAIRY INSPECTION—							
Salaries of chief inspector, veterinary and two inspectors	6,115.54						
Transportation and expenses	2,602.23						
Pro rata of executive cost 46 months' work	697.50						
Pro rata of Bur. of Sanit. cost 46 months' work	272.80						
Printing		4.86					
Pro rata of other costs		571.50					
Fines collected			100.00	10,164.43			
*Dairies: Inspection in S. F. County					432		
*Dairies: Inspections in other Counties					618		
*Dairy Depots					969		
Cows inspected					91,617		
Water samples taken for analysis					86		
*Inspections include can and all other appliances— Total units						93,722	
Cost of each unit							.108
AUDITING DEPARTMENT—							
Salaries—Auditor, two-thirds of Clerk	2,640.00						

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	Funds D. of P. H	Other Funds	Credits	Total	Units of Work	Total	Average
AUDITING DEPARTMENT—Cont'd.							
Expenses	3.25						
Pro rata of executive cost 20 months' work	303.25						
Printing		170.14					
Pro rata of other costs		248.50		3,365.14			
Total amount expended					638,242.69		
Cost of expense per dollar							.005
BACTERIOLOGICAL LOBORATORY—							
Salaries Bacteriologist and two assistants	3,815.00						
Expenses	1,344.14						
Pro rata of executive cost 34 months' work	515.25						
Printing		40.25					
Pro rata of other costs including ½ laboratory water bill $38.55		461.05					
Salary Special Bacteriologist		346.65		6,522.34			
Diphtheria examinations					1,185		
Tuberculosis Examinations					1,286		
Widal reactions					329		
Other examinations					2,739		
Pasteur treatments					1,599		
Cost of each unit						7,138	.912
CHEMICAL LABORATORY—							
Salaries—Chemist, three assistants and one-third salary of Clerk	6,149.35						
Expenses	832.20						
Pro rata of executive cost 50 months' work	758.50						
Printing		32.62					
Pro rata of other costs including ½ laboratory water bill $38.55		659.55					
Fines collected (one-half of fines collected where analyses have been made)			1,482.50	6,949.72			

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Milk analysis					5,446		
Water analysis					310		
Miscellaneous					800	6,556	
Cost of each unit							1.06
MEDICAL INSPECTION OF SCHOOLS—							
Salaries of three medical inspectors, one dental inspector, and 14 nurses	16,398.35						
Expenses and transportation	1,085.63						
Pro rata of executive cost 204 months' work	3,094.25						
Pro rata of Bureau of Sanitation cost 204 months' work	1,209.75						
Printing		43.04					
Pro rata of other costs		2,534.00		24,365.02			
Number of examinations by Medical Inspector					8,973		
Number of examinations by nurses					124,988		
Number of home visits					11,185		
Number of dressings					4,752		
Number of treatments							
Total units					4,892		
Cost of each unit						154,790	157
BUREAU OF CHARITIES—							
Salary of City Physician and one inspector	3,850.00						
Expenses—Antitoxin, vaccine and transportation	215.80						
Pro rata of executive cost of 22½ months' work	341.00						
Pro rata of Bureau of Sanitation cost 22½ months' work	133.45						
Pro rata of other costs		273.30	4,813.55				
Visits to patients					1,425		
Patients treated in Prison					1,872		
Patients treated in Emergency Hospital and Clinic, redressings					1,287		
Vaccinations					714		
Laboratory examinations					2,753		
Visits and investigations					902	8,953	
Cost of each unit							.537

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FINANCIAL STATEMENT OF THE DEPARTMENT OF

	1911					
	July	Aug.	Sept.	Oct.	Nov.	Dec.
Relief Home—						
Salaries	5747.80	5748.00	5762.00	5698.15	5572.50	5563.35
Maintenance	9548.24	10186.21	11093.56	9867.63	10727.66	10297.22
Special Appropriation	.....	.....	.....	.....	.....	.....
Isolation Hospital—						
Salaries	925 00	925.00	910.00	910.00	910.00	914.35
Maintenance	431.59	665.43	628.56	791.60	409.93	408.58
Special Sanitation—						
Salaries	1050.00	1050.00	1050.00	1050.00	1010.00	823.35
Expenses	296.55	272.72	321.16	287.88	331.50	301.99
Special Appropriation	.....	.....	150.00	.....	.....	225.00
Central Office—						
Salaries	8664.00	8730.65	9329.00	9339.00	9313.35	9339.00
Expenses	1006.73	1019.46	972.78	1281.98	1046.40	1368.12
Emergency Hospital—						
Salaries	5930.00	5930.00	5930.00	5930.00	5930.00	5930.00
Maintenance	1259.20	1170.41	1261.88	1193.30	1307.12	1313.56
Special Appropriation	250.00	250.00	.....	250.00	.....	.....
City & County Hospital—						
Salaries	6401.15	6298.95	6745.90	6525.30	6507.50	6514.50
Maintenance	8105.08	8145.97	8304.33	7711.34	10000.61	10238.46
Special Appropriation	5.00	104.00	.....	1280.25	.....	25.70
Care of Patients in private hospitals	1334.21	97.14	199.30	.....	.....	.....
Tuberculosis Hospital—						
Salaries	.....	.....	.....	.....	.....	.....
Maintenance	.....	.....	.....	.....	.....	.....
Burial of Indigent Dead	482.00	256.00	252.00	266.00	231.00	262.50
Total	51436.55	50799.94	52910.47	52382.43	53297.57	53525.58

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PUBLIC HEALTH FOR THE FISCAL YEAR 1911-1912

1912						Total		Balance	Appropriation
Jan.	Feb.	Mar.	Apr.	May	June				
5473.95	5325.25	5208.00	5193.00	5218.50	5249.65	65760.15	.....	.....	.....
11475.98	11413.28	8678.29	9769.19	13210.35	13502.01	129719.62	195479.77	2320.23	197800.00
.....	.....	.....	.....	750.00	225 00	.....	975.00	1025.00	2000.00
916.15	911.00	920.00	911.67	872.00	888.00	10913.17	.....	.....	.....
1055.66	844.87	879.11	702.63	630.59	714.59	8163.14	19076.31	23.69	19100.00
683.35	800.00	850.00	850.00	850.00	863.50	10930 20	.....	.....	.....
612.52	571.55	548.93	715.15	553.21	423.16	5236.32	.....	.....	.....
.....	.....	256.65	.....	.....	131.30	762.95	16929.47	1.83	16931.30
9339.00	8934.00	8708.65	9207.35	9135.65	9405.00	.....	109441.65	240.35	109685.00
1160.65	1057.50	1302.77	1280.30	1366.46	1130.50	.....	13993.65	6.35	14000.00
5930.00	5870.00	5870.00	5888.00	5894.00	5894.00	.....	70926.00	39.50	70965 50
1245.15	1260.04	1250.61	1243.71	1157.58	1316.15	.....	14978.71	21.39	15000.00
.....	.....	5000.00	194.50	.....	.....	.....	5944.50	250.00	6194 50
6602.80	4704.00	4628.80	4706.15	4735.95	4725.75	69096.65	.....	.....	.....
8218.56	9475.11	6237.33	6638.02	7180.60	7050.37	97305.78	.....	.....	.....
.....	.....	.....	.....	.....	.....	.....	1414.95	46.83	1461.78
.....	.....	.....	.....	.....	.....	1630.65	.....	.....	.....
.....	993.90	942.05	1024.05	1154.15	1031.20	5145.35	.....	.....	.....
.....	261.80	2741.46	3580.78	3556.56	2284.15	12424.75	185603.18	396.82	186000.00
241.50	255.50	276.50	467.00	245.00	241.50	.....	3476.50	23.50	3500.00
52955.27	52677.80	54299.15	52371.50	56510.60	55075.83		638212.69	4395.39	642638.08

Respectfully submitted,

PERCY R. HENNESSY,

Auditor Department of Public Health.

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TABULATED REPORT OF THE EXPENDITURES IN THE WORK OF SPECIAL SANITATION DURING THE FISCAL YEAR 1911-1912 OF FUNDS APPROPRIATED FOR THIS WORK IN CONJUNCTION WITH THE UNITED STATES PUBLIC HEALTH AND MARINE HOSPITAL SERVICE.

	1911						1912						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Total
Headquarters	73.60	72.10	80.65	72.30	60.60	62.76	70.16	90.08	62.27	61.55	68.60	61.50	815.17
Field Service	1111.69	1098.95	1062.90	1090.28	1092.14	941.01	765.30	873.11	972.44	830.31	820.89	818.41	11484.22
Laboratory	53.87	81.83	155.10	76.39	93.60	50.91	191.43	26.70	104.90	46.98	104.19	80.75	1102.74
Printing & Stationery	21.09	22.05	5.61	18.38	40.18	5.27	24.44	5.28	16.01	18.41	13.70	15.05	206.07
Rat Traps and Bait, etc.	86.30	77.49	66.90	80.53	54.98	65.39	244.18	307.29	243.31	462.97	252.93	170.95	2182.52
Special Purposes			150.00						250.65	138.90	100.90	231.30	881.75
Total	1346.55	1322.72	1521.16	1337.88	1341.50	1125.34	1295.87	1371.56	1655.58	1565.15	1403.21	1417.96	16704.77

Respectfully submitted,

P. R. HENNESSY,

Auditor, Dept. Public Health.

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COMPARISON OF COSTS FISCAL YEAR 1910-1911 AND 1911-1912.

1910-1911.		1911-1912.	
Total Expenditure	$634,777.23	Total Expenditure	$638,242.69
Total Appropriation	634,722.24	Total Appropriation	642,638.08
Deficit	$ 54.99	Balance	$ 4,395.89
Health Office.		**Health Office.**	
Expenditure, Salaries	$93,844.25	Expenditure, Salaries	$109,444.65
Appropriation, Salaries	93,845.00	Appropriation, Salaries	109,685.00
Balance	$ .75	Balance	$ 240.35
Expenditures	$12,034.20	Expenditures	$ 13,993.65
Appropriation	12,040.00	Appropriation	14,000.00
	$ 55.80		$ 6.35

	Expended.	Cost of Expense per dollar.	Expended.	Cost of Expense per dollar.	Comparison.	
Auditing Department	$634,777.23	.005	$638,242.69	.005	Same.	
	Units of Work.	Cost of Unit of Work.	Units of Work.	Cost of Unit of Work.		
Bureau of Vital Statistics	24,232	.166	28,903	.144	Decrease	.022
Sanitary Inspection	13,502	.632	17,060	.508	Decrease	.124
Disinfection	2,895	1.899	2,753	2.05	Increase	.151
Plumbing Inspection	28,336	.572	19,503	.83	Increase	.258
Market Inspection	1,267,275	.02	2,170,525	.013	Decrease	.007
Truck Garden Inspection	1,598	1.17	1,041	1.03	Decrease	.14
Garbage Inspection	3,917	.496	2,312	.479	Decrease	.017
Disinterment	1,457	.285	Discontinued			
Industrial Inspection	6,454	.499	7,042	.521	Increase	.022
Bacteriological Laboratory	3,914	1.369	7,138	.912	Decrease	.457
Chemical Laboratory	4,308	1.719	6,556	1.06	Decrease	.659
Milk Inspection	3,412	.14	5,218	.066	Decrease	.074
Food Inspection	4,376	.703	13,178	.486	Decrease	.217
Dairy Inspection	14,481	.684	93,722	.108	Decrease	.576
Medical Inspection of Schools	41,814	.319	154,790	.157	Decrease	.162
Bureau of Charities	7,420	.735	8,953	.537	Decrease	.198

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STATEMENT OF PERMITS AND TRANSCRIPTS ISSUED AND FEES COLLECTED
FOR THE FISCAL YEAR, 1911-1912

	July			August			September			October			November			December		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth	0	31	$ 23.25	0	23	$ 17.25	0	26	$ 19.50	0	28	$ 21.00	0	21	$ 15.75	0	14	$ 10.50
Certified Certificates of Death	9	53	39.75	4	60	45.00	4	55	41.25	2	50	37.50	1	58	43.50	5	74	55.50
Removal Permits after Disinterment	113	0		102	1	10.00	85	0		103	0		92	0		67	1	10.00
Totals	122	84 206	$ 63.00	106	84 190	$ 72.25	89	81 170	$ 60.75	105	78 183	$ 58.50	93	79 172	$ 69.25		161	$ 76.00

	January			February			March			April			May			June			Totals		
	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee	Free	Paid	Fee
Certified Certificates of Birth	0	35	$26.25	0	35	$26.25	0	27	$20.25	0	36	$27.00	0	28	$21.00	0	29	$21.75	0	338	$249.75
Certified Certificates of Death	6	80	60.00	3	61	45.75	4	75	56.25	5	44	33.00	4	61	45.75	3	70	52.50	46	741	555.75
Removal Permits after Disinterment	61	0		72	0		56			109	1	10.00	166	2	20.00	240	2	20.00	1266	7	70.00
Totals	67	115 182	$66.25	75	96 171	$72.00	60	102 162	$76.50	114	81 195	$70.00	170	91 261	$86.75	243	101 344	$94.25	1312	1081 2393	$875.50

Sale of Barrels, Bottles, Etc. 4.95
For Services of Market Inspectors in Transbay Stockyards 236.00

Total 1116.45

Respectfully submitted,
PERCY R. HENNESSY,
Auditor, Department of Public Health.

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DIVISION OF

VITAL STATISTICS

FISCAL YEAR 1911-12

Estimated Population			475,000
Deaths Registered			6,766
Annual Death Rate Per 1,000 of Population	14.24		

Total Deaths		6.766	
Less Children Under One Week of Age	197		
Non-Residents	369		
Deaths from External Causes	592		
		1,158	
			5,608
Net Annual Death Rate	11.80		

Births Registered		6,999
Annual Birth Rate Per 1,000 of Population	14.73	

Still Births Registered (Not Included in Birth or Mortality Tables.)	361
Marriage Licenses Issued (By County Clerk.)	5,622

ED. M. COFFEY

STATISTICIAN

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BIRTHS REGISTERED DURING THE FISCAL YEAR 1911-1912.

MONTH	Totals	SEX		RACE				Twins (pairs)	Triplets	NATIVITY OF PARENTS											MIXED PARENTAGE		
		Males	Females	White	Black	Chinese	Japanese			U. S.	Gt. Britain	Ireland	Germany	France	Italy	Scandinavia	China	Japan	Others	Unascertained	Anglo-Saxon	Latin	Others
1911																							
July	652	332	320	623	5	16	8	5	0	265	15	35	9	17	78	21	8	8	41	4	40	5	106
August	601	306	295	578	3	11	9	5	0	255	12	29	11	13	68	24	2	9	30	6	42	8	92
September	546	274	272	525	1	9	11	6	0	240	12	20	6	6	60	17	0	11	43	10	36	4	81
October	590	326	264	565	9	17	8	17	0	243	13	27	7	15	87	18	7	7	45	3	42	1	75
November	513	256	257	491	3	7	12	6	0	220	13	29	5	9	52	15	2	11	31	3	39	7	77
December	543	290	253	521	2	12	8	6	0	223	13	26	11	9	63	21	7	8	32	7	34	11	78
1912																							
January	600	321	279	560	6	12	22	3	0	254	14	20	8	14	80	10	5	22	40	2	44	2	85
February	552	292	260	530	1	9	12	7	0	229	14	21	8	5	71	21	3	12	43	3	39	5	78
March	577	292	285	545	1	15	16	4	0	242	16	27	13	12	61	15	5	16	41	11	33	6	79
April	608	309	299	578	3	12	15	5	0	271	12	31	11	15	74	12	3	13	35	6	39	6	80
May	560	288	272	539	2	8	11	3	0	243	11	23	10	9	56	13	3	11	40	4	46	2	89
June	657	343	314	629	0	15	13	7	0	287	19	32	14	11	91	17	7	12	52	6	39	2	68
Totals	6999	3629	3370	6684	27	143	145	74	0	2972	164	320	113	135	841	204	52	140	473	65	473	59	988

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STILL BIRTHS REGISTERED

(Not included in Birth or Mortality tables.)

GRAND TOTALS	MALES	FEMALES	1910												1911											
			July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
361	205	156	15	18	23	14	17	6	16	18	22	11	17	12	21	8	14	13	17	22	17	13	15	14	11	7

MARRIAGE LICENSES ISSUED

(By County Clerk)

TOTAL	1911						1912					
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
5626	467	478	441	501	493	464	496	426	346	485	390	639

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TABLE NO. 1.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911												1912											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,766	4,185	2,581	264	163	303	166	319	200	347	199	283	212	425	366	418	231	377	337	368	283	342	216	328	208	316	206
I. General Diseases	1,855	1,171	684	81	43	95	46	90	56	91	47	100	61	114	65	115	51	105	67	107	71	86	67	87	55	100	55
II. Diseases of Nervous System	510	298	212	18	16	23	17	22	15	28	15	35	21	30	18	20	21	26	20	24	21	25	13	29	22	18	13
III. Diseases of Circulatory System	1,249	762	487	42	38	53	26	49	24	56	33	67	40	70	55	75	52	69	35	69	52	72	34	73	51	67	47
IV. Diseases of Respiratory System	802	493	309	21	18	29	12	30	22	41	19	46	16	72	47	72	37	50	37	50	43	46	26	19	24	17	8
V. Diseases of the Digestive System	683	416	267	29	16	30	21	37	31	45	32	42	19	36	30	31	19	39	17	31	29	34	13	32	12	30	28
VI. Diseases of Genito-Urinary System	594	340	254	23	15	25	23	29	22	23	14	27	21	43	18	29	29	30	25	36	35	24	19	35	19	26	14
VII. The Puerperal State	64	...	64	...	2	...	6	...	4	...	6	...	7	...	7	...	4	...	5	...	5	...	11	...	1	...	6
VIII. Diseases of the Skin	22	16	6	...	1	2	...	1	...	...	...	...	1	1	...	2	...	2	1	...	...	1	1	3	1	4	1
IX. Diseases of the Bones	8	4	4	...	...	...	...	...	...	...	...	...	...	2	...	...	1	1	...	1	1	...	1	...	1	...	...
X. Malformations	45	27	18	3	1	5	2	1	1	4	1	...	2	...	2	6	2	3	...	4	1	1	3	...	2	...	1
XI. Diseases of Early Infancy	239	123	116	10	7	9	3	14	11	7	15	13	9	10	7	11	8	10	13	8	9	16	12	5	7	10	15
XII. Old Age	96	43	53	3	2	3	4	3	3	7	7	6	5	5	5	...	3	2	5	5	5	4	4	2	4	3	6
XIII. Affections Produced by External Causes	592	488	104	34	4	29	6	43	11	40	9	46	9	42	12	57	4	40	12	43	11	33	6	42	9	39	11
XIV. Ill-Defined Diseases	7	4	3	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	...	...	...	...	...	1	...	2	1
1. General Diseases.																											
1. Typhoid fever	59	41	18	1	...	1	...	5	6	7	1	8	2	4	1	6	1	2	3	1	...	...	2	1	1	5	1
2. Typhus fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Relapsing fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Malaria	7	5	2	...	...	1	1	...	...	1	...	...	...	...	...	1	...	...	...	2	...	...	...	...	1	...	...
5. Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Measles	69	35	34	1	1	2	1	1	3	2	2	5	2	1	2	5	4	3	7	8	7	4	5	2	...	1	...
7. Scarlet fever	3	3	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...
8. Whooping cough	23	8	15	1	3	2	...	...	2	1	1	...	...	3	...	...	1	1	1	2	2	...	1	1	1	...	...
9. Diphtheria	25	16	9	1	...	1	...	1	...	...	...	1	1	3	1	2	1	2	1	1	4	...	...	2	...	2	1
10. Influenza	13	3	10	...	...	...	...	...	...	...	...	...	...	...	3	2	3	...	1	1	1	...	1	...	1	...	...

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11. Miliary fever																											
12. Asiatic cholera																											
13. Cholera nostras																											
14. Dysentery	8	3	5	1			1			1		1			1		1		1								1
15. Plague																											
16. Yellow Fever																											
17. Leprosy	1	1				1																					
18. Erysipelas (idiopathic)	13	7	6			1	1	1				1		1	1	1	2		1			1		1	1		
Following wound face	2	1	1	1																	1						
19. Other epidemic diseases																											
20. Purulent infection and septicaemia—																											
Following infected wound face	1	1												1													
Following infected wound hand	3	2	1																1	1		1					
Following infected wound groin	1	1																				1					
Following infected wound nose	1		1											1													
Following needle prick carbncle	1		1								1																
Following fracture of leg	1		1						1																		
Following operation on hip	1	1																								1	
(Pneumococcic)	1	1														1											
Pyemia (Streptococcic)	4	3	1									1						1	1					1			
21. Glanders																											
22. Anthrax																											
23. Rabies	3	3																		2						1	
24. Tetanus (Trismus Neonatorum)	1		1														1										
Following carbuncle	1	1																		1							
Following injury to hand	2	2		1						1																	
Following punctured nail wd ft	1	1		1																							
25. Mycoses																											
26. Pellagra	1		1				1																				
27. Beriberi																											
28. Tuberculosis of the lungs	667	500	167	31	18	34	13	42	11	40	10	34	14	45	20	46	11	56	15	45	23	41	13	44	15	42	11
29. Acute miliary tuberculosis	15	10	5	1				1			1			2		1					2	1	1	1		3	1
30. Tuberculous meningitis	74	43	31	4	1	3		4	1	2	2	3	2	5	2	1	3	7	3	4	3	3	3	4	5	3	3
31. Abdominal tuberculosis																											
Intestinal	11	7	4	2		1						1	1	2					1				1			1	1
Peritoneal	30	14	16		1		1	1	1	1	1		3	2	1		1	2	1	1	1	5	1	1	4	1	
32. Pott's disease	5	2	3		1						1							2									1
Psoas abscess	6	5	1											2		1		2					1				
33. White Swellings (Tuber, Hip-Joint)	4	4						1		1								1				1					
34. Tuberculosis of other organs—																											
Tuber. Adenitis (operat. shock)	1	1													1												
Kidneys	1	1						1																			
35. Disseminated tuberculosis																											
36. Rickets	4	2	2				1									1										1	1
37. Syphilis (congenital)	24	16	8			1		3		3	1	2	1	2	1	3		1	3				2	1			
Syphilis (acquired)	19	5	4		1	2			1	2				1		4			1	3	1	1		2			
38. Gonococcus infection																											

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July M.	1911 July F.	1911 Aug. M.	1911 Aug. F.	1911 Sept. M.	1911 Sept. F.	1911 Oct. M.	1911 Oct. F.	1911 Nov. M.	1911 Nov. F.	1911 Dec. M.	1911 Dec. F.	1912 Jan. M.	1912 Jan. F.	1912 Feb. M.	1912 Feb. F.	1912 Mar. M.	1912 Mar. F.	1912 Apr. M.	1912 Apr. F.	1912 May M.	1912 May F.	1912 June M.	1912 June F.
39. Cancer of the buccal cavity																											
Lip	4	4														1		2						1			
Lip (operative shock)	1	1																1									
Maxilla	6	6				1		1		1						1				1				1			
Mouth	1	1								1																	
Tongue	4	4			2									1								1					
Sarcoma Maxilla	2	2		1						1			1														
40. Cancer of the stomach and liver—																											
Stomach	166	112	54	15	8	12	9	9	4	7	4	12	2	11	7	10		8	3	8	3	8	4	5	3	7	7
Stomach (operative shock)	6	3	3	1	1					1					1		1	1									
Liver	48	26	22	1	1	4	4		2	2	3	2	2	4	2	1			1	1		1	2	3	2	7	3
Liver, sarcoma of	3	1	2																					1	1		1
41. Cancer of the peritonaeum, intestines, rectum—																											
Intestines	41	15	26	2		3		2	1		1	2	5	2	2		1		4	1	3		1		4	3	4
Rectum	16	10	6				1		2	2		2	1				1	1	1	2		1		1		1	
Rectum (operative shock)	1	1								1																	
Sarcoma of intestines	3	2	1								1			1		1											
42. Cancer of the female genital organs—																											
Uterus	55		55		4		3		2		4		4		4		4		3		8		11		3		4
Uterus (operative shock)	1		1						1																		
Ovary	1		1																								1
Vulva	1		1																1								
Sarcoma Ovary	2		2										1												1		
43. Cancer of the breast	31		31			3		3		1		1		5		2		4		2		2		3			5
Sarcoma of breast	3		3							1				1				1									
44. Cancer of the skin (Face)	9	7	2			1						1	1					2		1		1		1			1
(Hand)	1	1										1															
45. Cancer of other or unspecified organs																											
Bladder (urinary)	11	11		1				1				3		1		2				1						2	

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Brain	1	1																1									
Foot	1	1										1															
Kidney (operative shock)	1		1															1									
Larnyx	6	4	2						1									1	1			1				2	
Leg	1	1						1																			
Lung	5	1	4					1								1						1		2			
Mediastinal glands	3	1	2												1								1				1
Neck	8	7	1	1				1									1				1		1			3	
Penis	1	1																								1	
Prostate	4	4		1		1		1										1									
Testicle	1	1				1																					
Thyreoid gland	1		1															1									
Sarcoma Brain	5	3	2		1									1							1	1	1				
Eye	1		1																					1			
Groin	1		1																	1							
Hip	1	1																								1	
Kidney	1		1					1																			
Neck	13	11	2	2		1						1		1		2	1	1		1	1			2			
Pelvis	2	2														2											
Prostate	1	1												1													
Scrotum	1	1				1																					
Spinal cord	2	2												2													
Spleen	1	1							1																		
Testicle	1	1																			1						
Thigh	1	1														1											
Thorax	1	1												1													
Tibia	1	1																		1							
Disseminated Sarcoma	2	1	1																		1					1	
46. Other tumors (except of female genital organs)—																											
Lymphadenoma	1		1														1										
Abdominal tumor	1	1														1											
Tumor Mediastinum	1		1										1														
47. Acute articular rheumatism	9	3	6		1					1						1				1		1	3				1
48. Chronic rheumatism and gout	13	2	11				1		1		1			2	2		1		2		1		1				1
49. Scurvy	1		1																	1							
50. Diabetes	96	50	46		2	8	1	2	8	6	3	5	5	4	2	4	4	2	3	5	6	7	5	3	3	4	4
51. Exophthalmic goitre	8	3	5					1			1		1		1		1			1					1	1	
52. Addison's disease	1	1																		1							
53. Leukaemia	13	10	3								1	2				2		1	2	1		2				2	
54. Anaemia chlorosis	18	9	9			1	1				3		1	1	1	4	1			1				1	2	1	
55. Other General Diseases (purpura hemorrhagica	2	1	1						1					1													
56. Alcoholism (acute and chronic)	88	66	22	7	1	8	2	9	3	5	2	10	4	5	1	4		3	1	6	2	2	3	4	3	3	
57. Chronic lead poisoning	2	2		1										1													
58. Other chronic occupation poisonings																											

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July		Aug.		Sept.		Oct.		Nov.		Dec.		1912 Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
59. Other chronic poisonings—																											
Morphinism	7	5	2			1	1	1				1				2											1
Opium	2	2				2																					
II. Diseases of the Nervous System.																											
60. Encephalitis	4	4				1								1		2											
61. (a) Simple meningitis	33	23	10	2		2	1	1		5	1	3	1	4	2		1		3	1		1		2	1	2	
61. (b) Cerebrospinal meningitis	26	18	8	1	1			1		2	2	2			1	1		5	1	1	1	4		1	1		1
61c. Cerebrospinal meningitis (Epidemic)	3	3												1						1		1					
62. Locomotor ataxia	16	13	3		1		1	2		1	1	2				1		1		2		1		2		1	
63. Other diseases of the spinal cord																											
Bulbar Paralysis	3	2	1								1													2			
Myelitis	7	5	2			1	2							1				1		2							
Paralysis Agitans	4	1	3			1	1														2						
Paralysis—ascending	2	1	1							1											1						
Paralysis—infantile	3		3						1				1												1		
Progressive muscular atrophy	2	1	1															1									1
Syringomyelia	2	1	1	1					1																		
Spastic paraplegia	1	1										1															
Sclerosis of spinal cord	7	5	2			1									1		1					2		2			
Tumor of spinal cord	1	1																									
64. Cerebral hemorrhage, apoplexy	291	157	134	14	10	10	10	11	8	14	9	17	13	20	13	8	17	16	10	13	10	11	10	14	13	9	9
65. Softening of the brain	19	13	6			2		3	2	1				2	1	4	1				1	1			1		
66. Paralysis without specified cause	8	3	6		1					1			1			1			1					1			2
Hemiplegia	14	5	9		2			1		1			3	1					1		2	1	1			1	
67. General paralysis of the insane	15	9	6			1						3				1	1		1		1	1	1	3	2		
68. Other forms of mental alienation	1	1																								1	
69. Epilepsy	11	5	6		1			2	1			1	1			1			1		1		1			1	
70. Convulsions (nonpuerperal)																											
71. Convulsions of infants	14	11	3			4				1	1	1	2	1				1		1						2	

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72. Chorea	1		1															1								
73. Neuralgia and neuritis	1		1				1																			
74. Other diseases of the nervous system																										
Cretinism	1	1																					1			
Tumor of Brain	12	7	5				1		1	1					1		1	1	1	2	1		1		1	
75. Diseases of the eyes and their adnexa																										
76. Diseases of the ears, (Otitis Media)	8	8						1				4							2				1			
III. Diseases of the Circulatory System.																										
77. Pericarditis	10	5	5		2			2	1			1	1	1	1				1							
78. Acute endocarditis	47	27	20	2				3	1	2		2	2	2	2	3	1	2	2	1	5	2	1	4	1	4	5
79. Organic diseases of the heart—																										
Valvular	448	264	184	14	11	19	10	14	8	18	16	33	14	29	22	27	16	21	13	22	22	19	12	24	20	24	20
Dilatation of	35	18	17	1	3	1			2	4	1	1		1	4	1	2	1	1	3	1	1	1	1	1	3	1
Endocarditis, chronic	105	70	35			5	1	4	1	2	3	4	5	5	5	3	6	11	3	13	1	8	6	5	2	10	2
Fatty heart	19	11	8	1		1	2	2		2		1	1					1			2	3	1		1		1
Myocarditis, chronic	341	195	146	12	13	14	9	11	9	15	11	9	10	19	14	27	21	17	12	16	8	24	5	16	12	15	15
80 Angina pectoris	43	27	16	3	3	2	1		1	2		2	2	1		2	1	4	2	2	2	4	2	4	1	1	1
81. Diseases of arteries, (atheroma, aneurism, etc.)—																										
Aneurism of aorta	19	16	3	3		1		1		2		3		1	1		1					3			1	2	
Arterio-Sclerosis	170	122	48	6	5	10	3	12	1	9	2	11	4	8	6	11	3	12	2	10	10	7	6	18	4	8	2
82. Embolism and thrombosis	9	5	4		1								1	2		1	1			1	1	1					
83. Diseases of veins (varices, hemorrhoids, phlebitis, etc.)	1		1																							1	
84. Diseases of lymphatic system (lymphangitis, etc.)																											
85. Hemorrhage; other diseases of circulatory system, Adams—Stokes disease	2	2												1									1				
IV. Diseases of the Respiratory System.																										
86. Diseases of the nasal fossae																										
87. Diseases of the larnyx (abscess of)	1		1																				1			
Laryngismus stridulus	2	1	1								1			1												
88. Diseases of the thyreoid body																										
89. Acute bronchitis	72	36	36	1	4	3		3	3	4	2	4	1	3	4	1	5	4	4	6	8	5	4	1	1	1	
90. Chronic bronchitis	54	28	26		2	3		2	3	2	2		2	3	3	4	4	2	1	5	3	5	1	1	1	1	4
91. Bronchopneumonia	225	125	100	5	5	6	2	6	7	11	8	10	6	18	21	19	8	18	12	12	11	11	3	5	10	4	1
92. Lobar pneumonia	400	274	126	13	6	16	6	17	9	23	7	29	6	44	19	42	18	23	16	25	20	22	10	10	8	10	3
93. Pleurisy	27	18	9	2	1	1	3	1		1	1	3		2		2		2			1	2	1	2	2		
94. Pulmonary congestion, pulmonary apoplexy	5	1	4														2	1	1						1		
Hypostatic pneumonia	8	5	3											1		3			2	1					1		
95. Gangrene of the lung	1	1						1																			

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July		Aug.		Sept.		Oct.		Nov.		Dec.		1912 Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
96. Asthma																											
97. Pulmonary emphysema	5	3	2										1						1	1		1				1	
98. Other diseases of the respiratory system (tuberculosis excepted)																											
Abscess of Lung	2	1	1				1									1											
V. Diseases of the Digestive System.																											
99. Diseases of the mouth and adnexa—																											
(Abscess parotid gland)	1	1						1																			
Dental Caries (Septicemia foll.)	1		1																								1
Sprue	1	1																						1			
100. Diseases of the Pharnyx (Angina Ludovicci)	1	1																1									
(Angina-Vincent's)	2	1	1											1							1						
Abscess pharnyx (Septicemia foll.)	2	1	1					1													1						
Tonsilitis (Septicemia foll.)	2	2																		1		1					
101. Diseases of the oesophagus																											
102. Ulcer of the stomach	17	10	7	2	1	1						1	2	1	2	1		2			1		1	1		1	
103. Other diseases of stomach (cancer excepted)—																											
Gastritis	49	25	24	3	2	2	3	1	3	2	2	1	1	2	4	3		5	3	2	3	1	1	2	1	1	1
104. Diarrhea and enteritis (under 2 years—																											
Cholera infantum	14	6	8	1	1		1		1	1	3	1							1				1	1		2	
Diarrhea	12	9	3					1		3	1	2		1		1	1			1							1
Enteritis	42	19	23			2	4	1	3	3	3	2		4	2		2	2	1	3	4				1	2	3
Entero-colitis	7	6	1							2		2					1									2	
Gastro-enteritis	84	42	42	6	3	6	2	7	10	5	5	3	3	5	2	1		2			6	1	1	3	2	3	8

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Ileo-colitis	13	7	6			1			1		2		1	2		1		1					1		1		1	2
105. Diarrhea and enteritis (2 years and over)—																														
Diarrhea	1	1		1																										
Enteritis	4	1	3				1				1			1						1										
Entero. colitis	2	1	1						1							1														
Gastro-enteritis	16	9	7	1							2	2	2	2	1	2	1						1	1	1					
Ileo-colitis	2	1	1							1	1																			
Duodenal ulcer	7	7		1		1														1			1		3					
106. Ankylostomiasis																														
107. Intestinal parasites																														
108. Appendicitis	70	43	27	1	1	1	2	4	1	3	1	5	2	3	6	5	1	5	1	3	2	6	3	2	1	5	6
(Operative sepsis)	9	6	3	2	1						1					1				1		1	1			1	
(Operative shock)	3	1	2					1					1						1								
109. Hernias	16	9	7	1		1	1		1				1	1		2			2	2			1	1	1	1	
(Operative shock)	6	4	2	1				1		1			1			1			1								
109a. Intestinal obstructions	32	19	13		1	2	1	2	1	2	1		1	4	2	2	1	2		1	4	2			1	2	
(Operative sepsis)	2	1	1								1											1					
(Operative shock)	7	3	4			1			1		1				1	1					1					1	
Intussusception	4	2	2				1		1				1					1									
(Operative shock)	5	5		1		1							2													1	
Volvulus	3	1	2					1	1								1										
110. Other diseases of the intestines—																											
(Ulcer duodenum)	3	3						1										1		1							
Fecal fistula	3	1	2														1		1						1		
Foreign body in rectum	1	1						1																			
111. Acute yellow atrophy of the liver	2	1	1							1									1								
112. Hydatid tumor of the liver																											
113. Cirrhosis of the liver	184	132	52	6	4	9	4	8	6	12	9	17	2	11	6	11	7	14	2	16	3	13	2	9	3	6	4
114. Biliary calculi	17	6	11	1			1	1	1					2			1		1		3	2			2		2
115. Other diseases of the liver—																											
Abscess of	7	7		1				1		2		1										1		1			
Cholecystitis	11	8	3		1	1				1								2	1			1	1	2		1	
Hypertrophy of	1	1						1																			
Inflammation of	2	1	1								1													1			
Cholecystitis, (operative shock)	2	1	1								1					1											
Empyema gall bladder, (operative sepsis)	1	1																				1					
116. Diseases of the spleen (tumor of)	1	1				1																					
117. Simple peritonitis (nonpuerperal)	7	4	3		1			1		1		1			1		1							1			
118. Other diseases of digestive system (excepting cancer, tuberculosis)—																											
Pancreatitis	4	3	1			1											1	1						1			
VI. Diseases of Genito-Urinary System.																											
119. Acute nephritis	56	35	21	4	1	2	4	2	1	2		4	3	5	1	7	3	1	1	1	3	3	1	3	2	1	1

TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July M.	1911 July F.	1911 Aug. M.	1911 Aug. F.	1911 Sept. M.	1911 Sept. F.	1911 Oct. M.	1911 Oct. F.	1911 Nov. M.	1911 Nov. F.	1911 Dec. M.	1911 Dec. F.	1912 Jan. M.	1912 Jan. F.	1912 Feb. M.	1912 Feb. F.	1912 Mar. M.	1912 Mar. F.	1912 Apr. M.	1912 Apr. F.	1912 May M.	1912 May F.	1912 June M.	1912 June F.
120. Bright's disease	423	260	163	16	8	19	15	23	15	17	8	21	10	35	13	19	19	24	18	19	24	18	13	20	12	21	8
121. Chyluria																											
122. Other diseases of the kidneys and adnexa—																											
Hydronephrosis	2	1	1										1					1									
Tumor of	2		2										1										1				
Pyelitis	4	4										1		2				1									
Pyelonephritis	11	8	3			1											1			1		1		4	1	1	1
Pyonephrosis	2		2						1				1														
Tumor of kidney	1	1																		1							
123. Calculi of the urinary passages	2	2																				2					
124. Diseases of the bladder—																											
Cystitis, chronic	15	13	2	1	1	2		2		3				1		2				2			1				
Stricture of (operative shock)	2	2				1												1									
125. Diseases of the urethra, urinary abscess, etc.																											
126. Diseases of the prostate (abscess of)	1	1						1																			
Hypertrophy of	12	12		2				1		1		1						2		2						3	
127. Nonvenereal diseases of male genital Organs (abscess scrotum)	1	1														1											
128. Uterine hemorrhage (nonpuerperal)																											
129. Uterine tumor (noncancerous)																											
Fibro-myoma of	10		10				1		4		1								1		2		1				
(Operative shock)	11		11		2						1		2		1		2		1		1				1		
130. Other diseases of the uterus (parametritis)	2		2		1														1								
Amenorrhea	1		1								1																
Pelvic abscess	4		4										1				1				2				1		
(Operative sepsis)	1		1				1																				
(Operative shock)	2		2								1		1						1								

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131. Cysts and other tumors of the ovary	8		8			1					1		2		1					1		2
(Operative sepsis)	3		3		1																2	
(Operative shock)	1		1								1											
132. Salpingitis and other diseases of female genital organs	12		12		1		1		1		1				1		1		3		1			1
(Operative sepsis)	3		3						1				1		1									
(Operative shock)	2		2														1							1
133. Nonpuerperal diseases of the breast (cancer excepted)																								
VII. The Puerperal State.																								
134. Accidents of pregnancy—																								
Abortion (natural)	2		2												2									
Abortion (self-induced)	7		7						1		1		1							1		1		2
Abortion (homicide)	3		3																2	1				
Miscarriage	4		4				1										1			1				1
Extra uterine pregnancy	1		1			1																		
(Operative shock)	1		1								1													
Uncontrollable vomiting of	2		2														1							1
135. Puerperal haemorrhage	1		1												1									
136. Other accidents of labor—																								
Cesarian section	3		3		1										1					1				
Rupture of uterus	1		1																1					
137. Puerperal septicemia	26		26		1	5	1		3		3		4				2			3				2
138. Puerperal albuminuria and convulsions	9		9				2		1		1		1				1			2				1
139. Puerperal phlegmasia alba dolens, embolus, sudden death	3		3								1		1						1					
140. Following childbirth (exhaustion)	1		1																1					
141. Puerperal diseases of the breast																								
VIII. Diseases of the Skin.																								
142. Gangrene, (septic)	2	1	1																	1	1			
143. Furuncle	7	5	2			1										1	1		1			1	2	
Carbuncle (septicemia foll.)	2	2					1							1										
144. Acute abscess—																								
Of frontal sinus (septicemia foll.)	1	1										1												
Of hip	1		1								1													
Mediastinal (septicemia foll.)	1	1																					1	
Of neck (septicemia foll.)	1	1				1																		
Multiple (septicem. foll.)	1	1												1										
Phlegmon Breast (septicemia foll.)	1	1																			1			
Phlegmon thigh	1		1																					1

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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July M.	1911 July F.	1911 Aug. M.	1911 Aug. F.	1911 Sept. M	1911 Sept. F.	1911 Oct. M.	1911 Oct. F.	1911 Nov. M.	1911 Nov. F.	1911 Dec. M.	1911 Dec. F.	1912 Jan. M.	1912 Jan. F.	1912 Feb. M.	1912 Feb. F.	1912 Mar. M.	1912 Mar. F.	1912 Apr. M.	1912 Apr. F.	1912 May M.	1912 May F.	1912 June M.	1912 June F.
145. Other diseases of the skin and adnexa																											
Eczema	1	1																								1	
Ulcer leg (operative shock)	1	1																						1			
Pemphigus	2	1	2		1													1									
IX. Diseases of the Bones.																											
146. Diseases of the bones (tuberculosis excepted)—																											
Mastoid abscess, (septic. foll.)	1	1																1									
Mastoiditis	2		2																	1					1		
Osteomyelitis	3	2	1											2									1				
147. Diseases of the joints (excepting tuberculosis and rheumatism), synovitis of knee	1	1																									
148. Amputations																											
149. Other diseases of the organs of locomotion																											
Dislocation hip, (op. shock)	1		1														1										
X. Malformations.																											
150a. Hydrocephalus	3	2	1							1	1											1					
150b. Congenital malformation of heart	31	17	14	1	1	4	2		1	1			2		2	5	2	2		4	1				2		1
150c. Other congenital malformations—																											
Cleft palate	2	2		2																							
Hare lip	1		1																				1				
Occlusion Bile Ducts	1	1								1																	
Congenital Eventration	2	1	1			1																	1				
Intestinal	1	1						1																			

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Pyloric stenosis	2	2														1		1								
Spina Bifida	2	1	1							1												1				
XI. Diseases of Early Infancy.																										
151a. Premature birth	128	62	66	3	2	6	3	5	6	1	8	8	6	3	3	6	1	6	7	3	5	12	10	4	5	5	10
151b. Congenital debility, "atrophy," "marasmus," inanition, etc.	37	19	18	1				2	1	2	6	3	1	1	2	1	2	1	2	2	1	2			1	4	2
Atelectasis, congenital	25	16	9	2	2	1		4		2		1		3			1		1	3	2		2				1
Icterus neonatorum	4	2	2			1							1		1									1			
152. Other diseases peculiar to early infancy—																											
Asphyxia neonatorum	5	2	3	1	1						1					1	1										
Compression of cord	8	5	3	1				1						1	1		2	1				1					
Hemorrhagica neonatorum	5	2	3	1		1			1												1						1
Asphyxia while nursing	3	1	2					1	2																		
Melena neonatorum	4	2	2											1				1	1								1
Cesarian operation	3	1	2													1	1		1								
Application forceps	14	9	5	1	2			1	1	2		1	1	1		2			1			1					
Difficult labor	1	1																1									
153. Lack of care (exposure)	2	1	1																						1	1	
XII. Old Age.																											
154. Senility	96	43	53	3	2	3	4	3	5	7	7	6	5	5	5		3	2	5	5	5	4	4	2	4	3	6
XIII. Affections Produced by External Causes.																											
155. Suicide by Poison—																											
Bi-chloride mercury	3	1	2				1		1	1																	
Carbolic acid	5	2	3						1		1	1									1					1	
Chloroform	2	2																				1		1			
Cyanide potassium	11	10	1			2	1	1				1				1		1				2		2			
Hydrocyanic acid	2	2														2											
Iodine	1		1																						1		
Lysol	1		1																				1				
Morphine	2	2		1		1																					
Phenol	1	1								1																	
Strychnine	3	3		2																						1	
156. Suicide by asphyxia (illuminating gas)	51	38	13			1	1	4	1		1	5		5	1	4		4	1	4	3	1	2	5	1	5	2
157. Suicide by hanging or strangulation	16	15	1	3				1		2				1						2		1		3	1	2	
158. Suicide by drowning	4	3	1	1				1										1							1		
159. Suicide by firearms	83	77	6	3		5		7		4	3	6		9	1	9	1	7		8		5		10		4	1
160. Suicide by cutting or piercing instruments	15	13	2			4		1	1	2		1			1	1				2				1		1	

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TABLE NO. 1 Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July M.	July F.	Aug M.	Aug F.	Sept. M.	Sept. F.	Oct. M.	Oct. F.	Nov. M.	Nov. F.	Dec M.	Dec F.	1912 Jan. M.	Jan. F.	Feb. M.	Feb. F.	Mar. M.	Mar. F.	Apr. M.	Apr. F.	May M.	May F.	June M.	June F.
161. Suicide by jumping from a high place																											
From building	1		1																						1		
From window	2	2								1		1						1									
From bridge of steamer	1	1																						1			
162. Suicide by crushing (electric car)	1	1																						1			
163. Other suicides																											
164. Poisoning by food																											
Cucumbers	1	1								1																1	
Chicken	1	1												1													
Fish	1	1																1									
Shell fish	2	2					1												1								
Mushrooms	2	2																1	1								
Ptomaine (unqualified)	3	3					1				1					1											
165. Other acute poisonings																											
Arsenic (accidentally self ad.)	1	1								1																	
Bichloride mercury (self ad.)	1	1								1																	
Chloral hydrate (self ad.)	1	1															1										
Chloroform (self administered)	2	2												1		1											
Cyanide potassium (self ad.)	2	2																				1		1			
Morphine (self admin.)	3	3								1		1		1													
Muriatic acid (self admin.)	1	1																							1		
166. Conflagration	4	1				4								1		4											
167. Burns (conflagration excepted)																											
Playing with matches	1	1												1													
From bonfire	1	1												1													
Open stove	2	2			1									1													
Steam radiator	1	1																			1						
Overturned oil heater	1	1																				1					
Ignition bedclothes	1	1																	1								
Lighting fire kerosene	1	1																			1						

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Boiling soup	1	1																											1	
Boiling water (immersion)	2	2						1													1									
Manner unknown	2	1	1																1	1										
168. Absorption of deleterious gases (conflagration excepted)—																														
Illuminating gas (accidental)	42	37	5			1		1	1	3		5	2	3		6		8	1	3		5		1	1	1				
Asphyxia (by smoke)	2	1	1													1	1													
Chloroform anesthesia	1	2		1																1										
Ether anesthesia	3	1	2		1				1																				1	
In overheated bath-room	1	1										1																		
169. Accidental drowning (in bay)	49	48	1	4		1		3	1	5		3		4		12		5		1		3		4		3				
In well	1	1																								1				
170. Traumatism by firearms																														
Accid. self-inflicted	1		1																1											
Accid. from air-gun	1	1																		1										
Hunting accident	2	2						1				1																		
In shooting gallery	1	1																				1								
171. Traumatism by cutting or piercing instruments	1	1						1																						
172. Traumatism by fall—																														
From baby carriage	1	1				1																								
Into basement	2	2						1		1																				
Over balustrade	1	1												1																
From bed	1	1										1																		
From building	5	5		1		1		1		1				1																
From chair	2		2																									1		1
Down elevator shaft	2	1	1	2											1															
Into excavation	1	1																		1										
From fence	1	1						1																						
On floor	10	7	3													2				2	1	2	1	1						1
Down light well	1	1																		1										
From loft	2	2														1										1				
From parapet	1	1																		1										
On pavement	5	5		2				2		1																				
From porch	3	2	1					1				1									1									
From scaffold	7	7						2		3				1												1				
From shed	1		1										1																	
Into hold of ship	1	1														1														
From rail of ship	1	1				1																								
From rigging of ship	2	2												1						1										
Down stairs	5	2	3		1	1				1									1											1
Into tank	1	1										1																		
From trestle	1	1												1																
From windmill	1	1						1																						
From window	9	6	3	1	1			1		2					1	1					1	1								
172a. Crushed by elevators	7	6	1	1		1					1			1		2		1												
173. Traumatism in mines and quarries																														

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Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July M.	1911 July F.	1911 Aug. M.	1911 Aug. F.	1911 Sept. M.	1911 Sept. F.	1911 Oct. M.	1911 Oct. F.	1911 Nov. M.	1911 Nov. F.	1911 Dec. M.	1911 Dec. F.	1912 Jan. M.	1912 Jan. F.	1912 Feb. M.	1912 Feb. F.	1912 Mar. M.	1912 Mar. F.	1912 Apr. M.	1912 Apr. F.	1912 May M.	1912 May F.	1912 June M.	1912 June F.
174. Traumatism by machines																											
Crushed in fly wheel	2	2												1		1											
Crushed on revolving shaft	2	2						1												1						1	
Struck by sounding rod	1	1								1																	
175a. Railroad accidents and injuries																											
Collision of trains	1	1																1									
Crushed between cars	1	1														1											
Fall from train	1	1																						1			
Fall from flat car	1	1				1																					
Run over by train	8	8			2	1		1		1		1		1				1		1		1					
Struck by locomotive	8	8				2				1				1				1		2		1					
175b. Street car accidents and injuries																											
Crushed bet. electric cars	1	1												1													
Crushed bet. elec. car and pole	1	1								1																	
Fall from electric car	6	4	2	2		2				1			1				1	1									
Run over by electric car	6	6				2						2				1								1			
Struck by electric car	15	14	1					2		2				2		3		1						1		3	1
Collision electric cars	2	2														1											
175c. Automobile accidents and injuries																											
Hurled from auto	4	3	1									1	1	1												1	
Run over by auto	1	1														1								1			
Struck by auto	6	4	2	1											1					2			1			1	
Collision auto and elec. car	1		1																						1		
Collision auto and wagon	1	1												1													
175d. Injuries by other vehicles																											
Fall from wagon	1	1										1															
Run over by wagon	7	6	1					2		1		1		1												1	1
Thrown from wagon (runaway)	4	4			1																	1		1		1	
175e. Landslide other crushing																											
By caving earth	2	2																				1				1	
Rolling log	1	1																1									
Iron pipe	1	1												1													
By falling load of cement	1	1						1																			
By steam roller	1	1																				1					
By falling timber	1	1																				1					
Between wagon and door	1	1				1																					

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176. Injuries by animals—																								
Struck by runaway horse	2	1	1											1	1									
Kicked by horse	3	3		1											1					1				
177. Starvation																								
178. Excessive cold																								
179. Effects of heat	1	1																			1			
180. Lightning																								
181. Electricity (lightning excepted)	3	3							1		1												1	
182. Homicide by firearms	35	30	5	2		2	1	1	2		6		3		2		7	3	3	2		4		1
183. Homicide by cutting or piercing instruments	4	2	2	1						1										1			1	
184. Homicide by other means, (blows)	3	2	1								2	1												
In fist fight	2	2																					2	
By illuminating gas	1		1																	1				
Thrown down stairs	1	1																				1		
Strangulation (infanticide)	1		1													1								
185. Fractures																								
Skull (by falling boom)	2	2													1				1					
Skull (by capstan bar)	1	1																					1	
Skull (by flying steel)	1	1									1													
Skull (manner unknown)	2	2						2																
186. Other injuries—																								
Rupture liver (struck by coal bucket)	1	1											1											
Hemorrhage brain (struck by lump coal)	1	1						1																
Hemorrhage brain (struck by baseball)	1	1		1																				
Traumatic meningitis (struck by tennis ball)	1		1															1						
Traumatic pneumonia (injury fist fight)	1	1									1													
Internal injuries (struck by iron bar)	1	1																				1		
Perforation intestines (manner unknown)	1	1																	1					
Rupture intestines (struck by truck handle)	1	1							1															
186a. Suffocation—																								
By aspiration of food	2	2																	1	1				
By aspiration foreign substance	2	2																	2					
XIV. Ill-Defined Organic Disease.																								
187. Ill-defined organic disease																								
Inanition marasmus (over 3 months)	7	4	3							1	1	1										1	2	1
188. Sudden death																								
189a. Cause of death ill-defined																								
189b. Cause of death not specified, or unknown																								

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TABLE No. II.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week M.	Under 1 Week F.	1 Wk. to 1 Mo. M.	1 Wk. to 1 Mo. F.	1 Mo. to 6 Mos. M.	1 Mo. to 6 Mos. F.	6 Mos. to 1 Yr. M.	6 Mos. to 1 Yr. F.	1 to 2 Yrs. M.	1 to 2 Yrs. F.	2 to 3 Yrs. M.	2 to 3 Yrs. F.
DEATHS FROM ALL CAUSES.	6,766	4,185	2,581	110	87	60	55	166	127	69	61	92	94	44	37
I. General Diseases	1,855	1,171	684	1	2	5	2	28	15	15	21	33	38	15	19
II. Diseases of Nervous System	510	298	212	5		4	3	4	4	5	3	3	4	3	5
III. Diseases of Circulatory System	1,249	762	487						1			1	1		
IV. Diseases of Respiratory System	802	493	309	2	3	12	6	31	26	29	15	33	23	16	8
V. Diseases of the Digestive System	683	416	267	5	1	13	12	67	55	15	19	20	17	7	3
VI. Diseases of Genito-Urinary System	594	340	254					2	1		1		1	1	
VII. The Puerperal State	64		64												
VIII. Diseases of the Skin	22	16	6					6	2						
IX. Diseases of the Bones	8	4	4										1		
X. Malformations	45	27	18	10	11	6	2	9	4	1	1	1			
XI. Diseases of Early Infancy	239	123	116	87	69	20	30	15	16	1	1				
XII. Old Age	96	43	53												
XIII. Affections Produced by External Causes	592	488	104		1			2	2	1		1	1	2	2
XIV. Ill-Defined Diseases	7	4	3					2	1	2			2		
1. General Diseases.															
1. Typhoid fever	59	41	18					1							
2. Typhus fever															
3. Relapsing fever															
4. Malaria	7	5	2												1
5. Smallpox															
6. Measles	69	35	34				1			1	6	16	14	8	5
7. Scarlet fever	3	3												1	
8. Whooping cough	23	8	15			1		2	5	2	3	2	3		2
9. Diphtheria	25	16	9					1				2	5		1
10. Influenza	13	3	10					1	1						
11. Miliary fever															
12. Asiatic cholera															
13. Cholera nostras															
14. Dysentery	8	3	5	1					1			1			
15 Plague															
16. Yellow Fever															
17. Leprosy	1	1													
18. Erysipelas (idiopathic)	13	7	6			1	1								
Following wound face	2	1	1												
19. Other epidemic diseases															
20. Purulent infection and septicaemia—															
Following infected wound face	1	1													
Following infected wound hand	3	2	1												
Following infected wound groin	1	1													
Following infected wound nose	1	1													
Following needle prick carbncle	1		1												
Following fracture of leg	1		1												
Following operation on hip	1	1													
(Pneumococcic)	1	1													
Pyemia (Streptococcic)	4	3	1												
21. Glanders															
22. Anthrax															
23. Rabies	3	3													
24. Tetanus (Trismus Neonatorum)	1		1		1										
Following carbuncle	1	1													
Following injury to hand	2	2													
Following punctured nail wd ft	1	1													
25. Mycoses															
26. Pellagra	1		1												
27. Beriberi															
28. Tuberculosis of the lungs	667	500	167					2	2	2	3	1	3		1
29. Acute miliary tuberculosis	15	10	5							2		1	1	1	
30. Tuberculous meningitis	74	43	31					4	1	6	5	6	6	3	7
31. Abdominal tuberculosis															
Intestinal	11	7	4										1		

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TABLE No. II.

FISCAL YEAR ENDING JUNE 30, 1912.

Ages																													
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
35	19	23	17	599	497	53	28	94	90	366	216	565	284	628	277	674	301	592	365	429	339	167	160	17	23	1	1	....	....
12	9	13	5	122	111	23	9	33	36	156	86	221	107	209	88	208	93	135	96	55	41	9	17	....	....	....	....	....	....
7	....	1	2	32	21	4	1	7	6	15	4	21	10	40	23	47	42	64	51	45	31	21	23	2	....	....	....	....	....
1	1	....	1	2	4	4	5	15	14	29	23	42	21	94	47	155	75	166	112	169	123	79	36	7	7	....	....	....	....
7	5	4	5	134	97	6	5	10	7	21	9	58	24	67	20	66	27	60	36	50	56	19	26	2	1	....	1	....	....
2	1	2	1	131	109	4	5	7	7	27	21	48	31	67	28	58	26	51	14	20	21	2	5	1	....	....	....	....	....
2	....	....	....	5	3	2	1	4	6	22	23	34	47	47	48	76	29	80	40	54	45	14	11	2	1	....	....	....	....
....	....	....	....	....	....	....	....	....	5	....	28	....	30	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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....	1	....	....	....	2	....	1	1	....	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	27	18	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	123	116	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	3	17	16	24	24	2	18	1	....	....	....
4	2	3	3	13	11	10	1	17	9	93	21	138	14	101	20	62	8	33	13	18	5	2	1	1	1	....	....	....	....
....	....	....	....	4	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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3	3	2	3	30	32	4	1	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	1	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	1	7	15	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	1	3	1	7	8	6	....	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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TABLE NO. 1—Continued.

CLASSIFIED LIST OF CAUSES OF DEATHS ARRANGED ACCORDING TO MONTHS.

During the Fiscal Year Ending June 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	1911 July M.	1911 July F.	1911 Aug. M.	1911 Aug. F.	1911 Sept. M.	1911 Sept. F.	1911 Oct. M.	1911 Oct. F.	1911 Nov. M.	1911 Nov. F.	1911 Dec. M.	1911 Dec. F.	1912 Jan. M.	1912 Jan. F.	1912 Feb. M.	1912 Feb. F.	1912 Mar. M.	1912 Mar. F.	1912 Apr. M.	1912 Apr. F.	1912 May M.	1912 May F.	1912 June M.	1912 June F.
120. Bright's disease	423	260	163	16	8	19	15	23	15	17	8	21	10	35	13	19	19	24	18	19	24	18	13	20	12	21	8
121. Chyluria																											
122. Other diseases of the kidneys and adnexa—																											
Hydronephrosis	2	1	1										1					1									
Tumor of	2		2										1										1				
Pyelitis	4	4										1		2				1									
Pyelonephritis	11	8	3			1											1			1		1		4	1	1	1
Pyonephrosis	2		2						1				1														
Tumor of kidney	1	1																		1							
123. Calculi of the urinary passages	2	2																				2					
124. Diseases of the bladder—																											
Cystitis, chronic	15	13	2	1	1	2		2		3				1		2				2			1				
Stricture of (operative shock)	2	2				1												1									
125. Diseases of the urethra, urinary abscess, etc.																											
126. Diseases of the prostate (abscess of)	1	1						1																			
Hypertrophy of	12	12		2				1		1		1						2		2						3	
127. Nonvenereal diseases of male genital Organs (abscess scrotum)	1	1														1											
128. Uterine hemorrhage (nonpuerperal)																											
129. Uterine tumor (noncancerous)																											
Fibro-myoma of	10		10				1		4		1								1		2		1				
(Operative shock)	11		11		2						1		2		1		2		1		1				1		
130. Other diseases of the uterus (parametritis)	2		2		1														1								
Amenorrhea	1		1								1																
Pelvic abscess	4		4										1				1				2				1		
(Operative sepsis)	1		1				1																				
(Operative shock)	2		2								1								1								

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131. Cysts and other tumors of the ovary	8		8			1					1		2		1					1			2
(Operative sepsis)	3		3		1																	2	
(Operative shock)	1		1								1												
132. Salpingitis and other diseases of female genital organs	12		12		1	1		1		1	1		1		1		3		1				1
(Operative sepsis)	3		3							1			1		1								
(Operative shock)	2		2													1							1
133. Nonpuerperal diseases of the breast (cancer excepted)																							
VII. The Puerperal State.																							
134. Accidents of pregnancy—																							
Abortion (natural)	2		2												2								
Abortion (self-induced)	7		7							1		1		1						1		1	2
Abortion (homicide)	3		3															2		1			
Miscarriage	4		4					1								1				1			1
Extra uterine pregnancy	1		1			1																	
(Operative shock)	1		1								1												
Uncontrollable vomiting of	2		2													1							1
135. Puerperal haemorrhage	1		1												1								
136. Other accidents of labor—																							
Cesarian section	3		3		1										1					1			
Rupture of uterus	1		1														1						
137. Puerperal septicemia	26		26		1	5		1		3		3		4		2				5			2
138. Puerperal albuminuria and convulsions	9		9					2		1		1		1		1				2			1
139. Puerperal phlegmasia alba dolens, embolus, sudden death	3		3									1		1				1					
140. Following childbirth (exhaustion)	1		1															1					
141. Puerperal diseases of the breast																							
VIII. Diseases of the Skin.																							
142. Gangrene, (septic)	2	1	1																	1	1		
143. Furuncle	7	5	2			1										1	1			1		1	2
Carbuncle (septicemia foll.)	2	2						1						1									
144. Acute abscess—																							
Of frontal sinus (septicemia foll.)	1	1										1											
Of hip	1		1								1												
Mediastinal (septicemia foll.)	1	1																					1
Of neck (septicemia foll.)	1	1				1																	
Multiple (septicem. foll.)	1	1												1									
Phlegmon Breast (septicemia foll.)	1	1																			1		
Phlegmon thigh	1		1																				1

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TABLE NO. 1—Continued.

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145. Other diseases of the skin and adnexa																											
Eczema	1	1																								1	
Ulcer leg (operative shock)	1	1																						1			
Pemphigus	2	1	2		1													1									
IX. Diseases of the Bones.																											
146. Diseases of the bones (tuberculosis excepted)—																											
Mastoid abscess, (septic, foll.)	1	1																1									
Mastoiditis	2		2																		1				1		
Osteomyelitis	3	2	1											2									1				
147. Diseases of the joints (excepting tuberculosis and rheumatism), synovitis of knee	1	1																									
148. Amputations																											
149. Other diseases of the organs of locomotion																											
Dislocation hip, (op. shock)	1		1														1										
X. Malformations.																											
150a. Hydrocephalus	3	2	1							1	1											1					
150b. Congenital malformation of heart	31	17	14	1	1	4	2		1	1			2		2	5	2	2		4	1				2		1
150c. Other congenital malformations—																											
Cleft palate	2	2		2																							
Hare lip	1		1																				1				
Occlusion Bile Ducts	1	1								1																	
Congenital Eventration	2	1	1			1																	1				
Intestinal	1	1						1																			

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Pyloric stenosis	2	2														1		1									
Spina Bifida	2	1	1							1													1				
XI. Diseases of Early Infancy.																											
151a. Premature birth	128	62	66	3	2	6	3	5	6	1	8	8	6	3	3	6	1	6	7	3	5	12	10	4	5	5	10
151b. Congenital debility, "atrophy," "marasmus," inanition, etc.	37	19	18	1				2	1	2	6	3	1	1	2	1	2	1	2	2	1	2			1	4	2
Atelectasis, congenital	25	16	9	2	2	1		4		2		1		3			1		1	3	2		2				1
Icterus neonatorum	4	2	2			1							1		1									1			
152. Other diseases peculiar to early infancy—																											
Asphyxia neonatorum	5	2	3	1	1						1					1	1										
Compression of cord	8	5	3	1				1						1	1		2	1				1					
Hemorrhagica neonatorum	5	2	3	1		1			1												1						1
Asphyxia while nursing	3	1	2					1	2																		
Melena neonatorum	4	2	2											1				1	1								1
Cesarian operation	3	1	2													1	1		1								
Application forceps	14	9	5	1	2			1	1	2		1	1	1		2			1			1					
Difficult labor	1	1																1									
153. Lack of care (exposure)	2	1	1																						1	1	
XII. Old Age.																											
154. Senility	96	43	53	3	2	3	4	3	5	7	7	6	5	5	5		3	2	5	5	5	4	4	2	4	3	6
XIII. Affections Produced by External Causes.																											
155. Suicide by Poison—																											
Bi-chloride mercury	3	1	2				1		1	1																	
Carbolic acid	5	2	3						1		1	1									1					1	
Chloroform	2	2																				1		1			
Cyanide potassium	11	10	1			2	1	1				1				1		1				2		2			
Hydrocyanic acid	2	2														2											
Iodine	1		1																						1		
Lysol	1		1																				1				
Morphine	2	2		1		1																					
Phenol	1	1								1																	
Strychnine	3	3		2																						1	
156. Suicide by asphyxia (illuminating gas)	51	38	13			1	1	4	1		1	5		5	1	4		4	1	4	3	1	2	5	1	5	2
157. Suicide by hanging or strangulation	16	15	1	3				1		2				1						2		1		3	1	2	
158. Suicide by drowning	4	3	1	1				1										1							1		
159. Suicide by firearms	83	77	6	3		5		7		4	3	6		9	1	9	1	7		8		5		10		4	1
160. Suicide by cutting or piercing instruments	15	13	2			4		1	1	2		1			1	1				2				1		1	

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161. Suicide by jumping from a high place																											
From building	3	2	1	2																					1		
From window	3	3								1		1						1									
From bridge of steamer	1	1																						1			
162. Suicide by crushing (electric car)	1	1																						1			
163. Other suicides—																											
164. Poisoning by food—																											
Cucumbers	2	1	1						1																	1	
Chicken	1		1												1												
Fish	1	1																1									
Shell fish	2		2				1												1								
Mushrooms	2	1	1															1	1								
Ptomaine (unqualified)	3	1	2				1				1					1											
165. Other acute poisonings—																											
Arsenic (accidentally self ad.)	1		1						1																		
Bi-chloride mercury (self ad.)	1		1						1																		
Chloral hydrate (self ad.)	1	1															1										
Chloroform (self administered)	2		2										1		1												
Cyanide potassium (self ad.)	2	1	1																				1	1			
Morphine (self admin.)	3	1	2						1			1	1														
Mariatic acid (self admin.)	1		1																						1		
166. Conflagration—	5	1	4											1	2												2
167. Burns (conflagration excepted)—																											
Playing with matches	1		1										1														
From bonfire	1		1										1														
Open stove	2		2		1										1												
Steam radiator	1		1																		1						
Overturned oil heater	1	1																				1					
Ignition bedclothes	1		1																1								
Lighting fire kerosene	1		1																		1						

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Boiling soup	1	1																						1	
Boiling water (immersion)	2	2					1											1							
Manner unknown	2	1	1													1	1								
168. Absorption of deleterious gases (conflagration excepted)—																									
Illuminating gas (accidental)	42	37	5			1		1	1	3		5	2	3		6		8	1	3		5		1	1	1	
Asphyxia (by smoke)	2	1	1													1	1										
Chloroform anesthesia	1	2		1																1							
Ether anesthesia	3	1	2		1				1																	1	
In overheated bath-room	1	1										1															
169. Accidental drowning (in bay)	49	48	1	4		1		3	1	5		3		4		12		5		1		3		4		3	
In well	1	1																								1	
170. Traumatism by firearms																											
Accid. self-inflicted	1		1																1								
Accid. from air gun	1	1																		1							
Hunting accident	2	2					1					1															
In shooting gallery	1	1																				1					
171. Traumatism by cutting or piercing instruments	1	1					1																				
172. Traumatism by fall—																											
From baby carriage	1	1				1																					
Into basement	2	2					1			1																	
Over balustrade	1	1												1													
From bed	1	1										1															
From building	5	5		1		1		1		1				1													
From chair	2		2																						1		1
Down elevator shaft	2	1	1	2											1												
Into excavation	1	1																		1							
From fence	1	1					1																				
On floor	10	7	3													2				2	1	2	1	1			1
Down light well	1	1																		1							
From loft	2	2														1										1	
From parapet	1	1																		1							
On pavement	5	5		2			2			1																	
From porch	3	2	1				1					1									1						
From scaffold	7	7					2			3				1												1	
From shed	1		1										1														
Into hold of ship	1	1														1											
From rail of ship	1	1				1																					
From rigging of ship	2	2												1						1							
Down stairs	5	2	3		1	1				1									1								1
Into tank	1	1										1															
From trestle	1	1												1													
From windmill	1	1					1																				
From window	9	6	3	1	1		1			2					1	1					1	1					
172a. Crushed by elevators	7	6	1	1		1					1			1		2		1									
173. Traumatism in mines and quarries																											

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174. Traumatism by machines																											
Crushed in fly-wheel	2	2												1		1											
Crushed on revolving shaft	3	3						1												1						1	
Struck by sounding rod	1	1								1																	
175a. Railroad accidents and injuries—																											
Collision of trains	1	1																1									
Crushed between cars	1	1														1											
Fall from train	1	1																						1			
Fall from flat-car	1	1				1																					
Run over by train	8	8			2	1		1		1		1								1		1					
Struck by locomotive	8	8				2				1				1				1		2		1					
175b. Street car accidents and injuries—																											
Crushed bet. electric cars	1	1												1													
Crushed bet. elec. car and pole	1	1								1																	
Fall from electric car	6	4	2	2						1			1				1	1									
Run over by electric car	6	6				2						2				1								1			
Struck by electric car	15	14	1					2		2				2		3		1						1		3	1
Collision electric cars	2	2														1										1	
175c. Automobile accidents and injuries—																											
Hurled from auto	4	3	1									1	1			1										1	
Run over by auto	1	1														1											
Struck by auto	6	4	2	1											1					2			1			1	
Collision auto and elec. car	1		1																						1		
Collision auto and wagon	1	1												1													
175d. Injuries by other vehicles—																											
Fall from wagon	1	1										1															
Run over by wagon	7	6	1					2		1		1		1												1	1
Thrown from wagon (runaway)	4	4			1																	1		1		1	
175e. Landslide—other crushing																											
By caving earth	2	2																				1				1	
Rolling log	1	1																1									
Iron pipe	1	1												1													
By falling load of cement	1	1						1																			
By steam roller	1	1																				1					
By falling timber	1	1																				1					
Between wagon and door	1	1				1																					

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176. Injuries by animals—																									
Struck by runaway horse	2	1	1												1	1									
Kicked by horse	3	3		1												1					1				
177. Starvation																									
178. Excessive cold																									
179. Effects of heat	1	1																				1			
180. Lightning																									
181. Electricity (lightning excepted)	3	3							1		1													1	
182. Homicide by firearms	33	30	5	2		2	1	1	2		6		3		2		7	3	3		2		4		1
183. Homicide by cutting or piercing instruments	4	2	2	1						1										1				1	
184. Homicide by other means, (blows)	3	2	1								2	1													
In fist fight	2	2																						2	
By illuminating gas	1		1																	1					
Thrown down stairs	1	1																				1			
Strangulation (infanticide)	1		1														1								
185. Fractures																									
Skull (by falling boom)	2	2													1				1						
Skull (by capstan bar)	1	1																						1	
Skull (by flying steel)	1	1									1														
Skull (manner unknown)	2	2					2																		
186. Other injuries—																									
Rupture liver (struck by coal bucket)	1	1											1												
Hemorrhage brain (struck by lump coal)	1	1					1																		
Hemorrhage brain (struck by baseball)	1	1		1																					
Traumatic meningitis (struck by tennis ball)	1		1															1							
Traumatic pneumonia (injury fist fight)	1	1									1														
Internal injuries (struck by iron bar)	1	1																				1			
Perforation intestines (manner unknown)	1	1																	1						
Rupture intestines (struck by truck handle)	1	1							1																
186a. Suffocation—																									
By aspiration of food	2	2																	1		1				
By aspiration foreign substance	2	2																	2						
XIV. Ill-Defined Organic Disease.																									
187. Ill-defined organic disease																									
Inanition marasmus (over 3 months)	7	4	3							1	1	1										1		2	1
188. Sudden death																									
189a. Cause of death ill-defined																									
189b. Cause of death not specified, or unknown																									

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TABLE No. II.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Unde. 1 Week M.	Unde. 1 Week F.	1 Wk. to 1 Mo. M.	1 Wk. to 1 Mo. F.	1 Mo. to 6 Mos M.	1 Mo. to 6 Mos F.	6 Mos. to 1 Yr. M.	6 Mos. to 1 Yr. F.	1 to 2 Yrs. M.	1 to 2 Yrs. F.	2 to 3 Yrs. M.	2 to 3 Yrs. F.
DEATHS FROM ALL CAUSES.	6,766	4,185	2,581	110	87	60	55	166	127	69	61	92	94	44	37
I. General Diseases	1,855	1,171	684	1	2	5	2	28	15	15	21	34	38	15	19
II. Diseases of Nervous System	510	298	212	5		4	3	4	4	5	3	3	4	3	5
III. Diseases of Circulatory System	1,249	762	487						1			1	1		
IV. Diseases of Respiratory System	802	493	309	2	3	12	6	31	26	29	15	33	28	16	8
V. Diseases of the Digestive System	683	416	267	5	1	13	12	67	55	15	19	20	17	7	3
VI. Diseases of Genito-Urinary System	594	340	254					2	1		1		1	1	
VII. The Puerperal State	64		64												
VIII. Diseases of the Skin	22	16	6					6	2						
IX. Diseases of the Bones	8	4	4										1		
X. Malformations	45	27	18	10	11	6	2	9	4	1	1	1			
XI. Diseases of Early Infancy	239	123	116	87	69	20	30	15	16	1	1				
XII. Old Age	96	43	53												
XIII. Affections Produced by External Causes	592	488	104		1			2	2	1		1	1	2	2
XIV. Ill-Defined Diseases	7	4	3					2	1	2			2		
1. General Diseases.															
1. Typhoid fever	59	41	18					1							
2. Typhus fever															
3. Relapsing fever															
4. Malaria	7	5	2												1
5. Smallpox															
6. Measles	69	35	34				1			1	6	10	14	8	5
7. Scarlet fever	3	3												1	
8. Whooping cough	23	8	15			1		2	5	2	3	2	5		2
9. Diphtheria	25	16	9					1				2	5		1
10. Influenza	13	3	10					1	1						
11. Miliary fever															
12. Asiatic cholera															
13. Cholera nostras															
14. Dysentery	8	3	5	1					1			1			
15 Plague															
16. Yellow Fever															
17. Leprosy	1	1													
18. Erysipelas (idiopathic)	13	7	6			1	1								
Following wound face	2	1	1												
19. Other epidemic diseases															
20. Purulent infection and septicaemia—															
Following infected wound face	1	1													
Following infected wound hand	3	2	1												
Following infected wound groin	1	1													
Following infected wound nose	1	1													
Following needle prick carbncle	1		1												
Following fracture of leg	1		1												
Following operation on hip	1	1													
(Pneumococcic)	1	1													
Pyemia (Streptococcic)	4	3	1												
21. Glanders															
22. Anthrax															
23. Rabies	3	3													
24. Tetanus (Trismus Neonatorum)	1		1		1										
Following carbuncle	1	1													
Following injury to hand	2	2													
Following punctured nail wd ft	1	1													
25. Mycoses															
26. Pellagra	1		1												
27. Beriberi															
28. Tuberculosis of the lungs	667	500	167					2	2	2	3	1	3		1
29. Acute miliary tuberculosis	15	10	5							2		1	1	1	
30. Tuberculous meningitis	74	43	31					4	1	6	5	6	6	3	7
31. Abdominal tuberculosis															
Intestinal	11	7	4										1		

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TABLE No. II.

FISCAL YEAR ENDING JUNE 30, 1912.

Ages																															
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Un-ascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
35	19	23	17	599	497	53	28	94	90	366	216	565	2[illegible]4	628	277	674	301	592	365	429	339	167	160	17	23	1	1		
12	9	13	5	122	111	23	9	33	36	156	86	221	107	209	88	208	93	135	96	55	41	9	17						
7		1	2	32	21	4	1	7	6	15	4	21	10	40	23	47	42	64	51	45	31	21	28	2					
1	1		1	2	4	4	5	15	14	29	23	42	21	94	47	155	75	166	112	169	123	79	56	7	7				
7	5	4	5	134	97	6	5	10	7	21	9	58	24	67	20	66	27	60	36	50	56	19	26	2	1		1		
2	1	2	1	131	109	4	5	7	7	27	21	48	31	67	28	58	26	51	14	20	21	2	5	1					
2				5	3	2	1	4	6	22	23	34	47	47	48	76	29	80	40	54	45	14	11	2	1				
									5		28		30		1														
				6	2							3		3	2	2	1	1		1	1								
	1				2		1	1		3	1																		
				27	18																								
				123	116																								
																		2	3	17	16	21	21	2	18	1			
4	2	3	3	13	11	10	1	17	9	93	21	138	14	101	20	62	8	33	13	18	5	2	1	1	1				
				4	3																								
				1		1	2	8	4	13	6	8	4	6		1	1	3			1								
					1						1	1		2		1		1											
3	3	2	3	30	32	4	1	1			1																		
3		1		3																									
	1		1	7	15	1																							
1	1	3	1	7	8	6		2	1	1					4	2	1				4								
				1	1																								
				2	1							1	1								3								
										1																			
				1	1								1			4	1	2	2				1						
											1					1													
								1																					
															1	2													
																1													
								1					1																
															1														
														1															
												2			1					1									
										1								2											
					1																								
												1																	
								1		1		1																	
									1																				
		2		7	9	1		9	15	114	51	145	52	107	26	78	5	30	8	9			1						
		1		5	1				1	2	2	1	1	2															
6	1	3		28	20	7	6	2	3	3	2	1				2													
					1					1	1	1	1	2	1	1		2											

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TABLE No. II—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	By Under 1 Week M.	Under 1 Week F.	1 Wk. to 1 Mo. M.	1 Wk. to 1 Mo. F.	1 Mo. to 6 Mos M.	1 Mo. to 6 Mos F.	6 Mos. to 1 Yr. M.	6 Mos. to 1 Yr. F.	1 to 2 Yrs. M.	1 to 2 Yrs. F.	2 to 3 Yrs. M.	2 to 3 Yrs. F.
Peritoneal	30	14	16					4	1	1	1	1	3		2
32. Pott's disease	5	2	3					1							
Psoas abscess	6	5	1												
33. White Swellings (Tuber, Hip-Joint)	4	4													
34. Tuberculosis of other organs—															
Tuber. Adenitis (operat. shock)	1	1												1	
Kidneys	1	1													
35. Disseminated tuberculosis															
36. Rickets	4	2	2						1	1	1	1			
37. Syphilis (congenital)	24	16	8		1	3		11	3		2	2	1		
Syphilis (acquired)	19	15	4												
38. Gonococcus infection															
39. Cancer of the buccal cavity (lip)	4	4													
Lip (operative shock)	1	1													
Maxilla	6	6													
Mouth	1	1													
Tongue	4	4													
Sarcoma Maxilla	2	1	1												
40. Cancer of the stomach and liver—															
Stomach	166	112	54												
Stomach (operative shock)	6	3	3												
Liver	48	26	22												
Sarcoma of	3	1	2												
41. Cancer of the peritonaeum, intestines, rectum—															
Intestines	41	15	26												
Rectum	16	10	6												
Rectum (operative shock)	1	1													
Sarcoma of intestines	3	2	1												
42. Cancer of the female genital organs—															
Uterus	55		55												
Uterus (operative shock)	1		1												
Ovary	1		1												
Vulva	1		1												
Sarcoma Ovary	2	2													
43. Cancer of the breast	31		31												
Sarcoma of	3	3													
44. Cancer of the skin (Face)	9	7	2												
(Hand)	1	1													
45. Cancer of other or unspecified organs															
Bladder (urinary)	11	11													
Brain	1	1													
Foot	1	1													
Kidney (operative shock)	1		1												
Larynx	6	4	2												
Leg	1	1													
Lung	5	1	4												
Mediastinal glands	3	1	2												
Neck	8	7	1												
Penis	1	1													
Prostate	4	4													
Testicle	1	1													
Thyreoid gland	1		1												
Sarcoma Brain	5	3	2												
Eye	1		1												
Groin	1		1												
Hip	1	1													
Kidney	1		1												
Neck	13	11	2												
Pelvis	2	2													
Prostate	1	1													
Scrotum	1	1													
Spinal cord	2	2													
Spleen	1	1													
Testicle	1	1													

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TABLE No. II—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Ages																															
3 to 4 Yrs.		4 to 5 Yrs.		Total under 5 Yrs.		5 to 10 Yrs.		10 to 20 Yrs		20 to 30 Yrs.		30 to 40 Yrs.		40 to 50 Yrs.		50 to 60 Yrs.		60 to 70 Yrs.		70 to 80 Yrs.		80 to 90 Yrs.		90 to 100 Yrs.		Over 100 Yrs.		Un-ascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
																		1											
												2		1															
								1	3	8	1	10		5	1	4		1		1									
												2			2														
										2					1														
												1		1															
									1																				
														1															
					1																								
										2																			
												1																	
												1																	
								1				1																	
														1															
												1																	
																1													
					1																								
																1													
												1																	
												1				1													
				4	3																								

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TABLE NO. III.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
DEATHS FROM ALL CAUSES.	6,766	4,185	2,581	1,958	852	1,421	867	515	817
I. General Diseases	1,855	1,171	684	604	236	387	279	101	150
II. Diseases of Nervous System	510	298	212	98	44	126	66	56	98
III. Diseases of Circulatory System	1,249	762	487	237	69	321	157	165	256
IV. Diseases of Respiratory System	802	493	209	284	130	126	76	52	98
V. Diseases of the Digestive System	683	416	267	243	143	133	72	25	47
VI. Diseases of Genito-Urinary System	594	340	254	112	44	150	110	63	96
VII. The Puerperal State	64		64		3		60		1
VIII. Diseases of the Skin	22	16	6	9	3	5		2	2
IX. Diseases of the Bones	8	4	4	3	4	1			
X. Malformations	45	27	18	27	18				
XI. Diseases of Early Infancy	239	123	116	123	116				
XII. Old Age	96	43	53	3	5	19	5	21	43
XIII. Affections Produced by External Causes	592	488	104	211	34	153	42	30	26
XIV. Ill-Defined Diseases	7	4	3	4	3				
1. General Diseases.									
1. Typhoid fever	59	41	18	29	9	10	7		1
2. Typhus fever									
3. Relapsing fever									
4. Malaria	7	5	2	1	2	4			
5. Smallpox									
6. Measles	69	35	34	35	33		1		
7. Scarlet fever	3	3		3					
8. Whooping cough	23	8	15	8	15				
9. Diphtheria	25	16	9	16	9				
10. Influenza	13	3	10	1	2	1	4	1	4
11. Miliary fever									
12. Asiatic cholera									
13. Cholera nostras									
14. Dysentery	8	3	5	2	1	1	1		3
15. Plague									
16. Yellow Fever									
17. Leprosy	1	1		1					
18. Erysipelas (idiopathic)	13	7	6	5	1	1	1	1	3
Following wound face	2	1	1		1	1			
19. Other epidemic diseases									
20. Purulent infection and septicaemia—									
Following infected wound face	1	1		1					
Following infected wound hand	3	2	1			2	1		
Following infected wound groin	1	1				1			
Following infected wound nose	1	1		1					
Following needle prick carbncle	1		1				1		
Following fracture of leg	1		1				1		
Following operation on hip	1	1				1			
(Pneumococcic)	1	1						1	
Pyemia (Streptococcic)	4	3	1	1		1	1	1	
21. Glanders									
22. Anthrax									
23. Rabies	3	3		1		1		1	
24. Tetanus (Trismus Neonatorum)	1		1		1				
Following carbuncle	1	1		1					
Following injury to hand	2	2		1		1			
Following punctured nail wd ft	1	1		1					
25. Mycoses									
26. Pellagra	1		1		1				
27. Beriberi									
28. Tuberculosis of the lungs	667	500	167	267	49	153	94	32	18
29. Acute miliary tuberculosis	15	10	5	7	4	1	1	2	
30. Tuberculous meningitis	74	43	31	41	30	1			1
31. Abdominal tuberculosis									
Intestinal	11	7	4	4	1	2	3	1	

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-ascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
43	31	218	14	3,863	2,518	244	32	42	18	38	16	577	457	603	507	802	561	2,034	1,042	169	14
14	14	65	3	1,011	658	94	12	22	6	14	8	143	121	219	159	226	154	549	245	34	5
9	3	9	1	286	209	9	2	1	1	2	...	36	18	36	35	64	60	155	98	7	1
5	3	34	2	704	480	49	5	3	1	6	1	25	21	41	46	185	124	492	294	19	2
2	2	29	3	467	299	24	3	1	5	1	2	88	64	102	58	77	56	210	129	16	2
4	3	11	...	386	260	36	3	3	2	1	2	94	80	90	81	58	41	166	65	8	...
4	2	11	2	306	248	25	4	2	1	7	1	17	26	35	51	99	66	182	111	7	...
...	...	...	...	...	62	...	...	...	1	...	1	...	7	...	17	...	10	...	30	...	...
...	1	...	...	15	6	1	...	...	...	...	...	5	4	2	1	1	3	8	1	...	...
...	...	...	...	4	4	...	...	...	...	...	...	...	1	2	1	...	1	2	1	...	...
...	...	...	...	27	17	...	1	...	...	...	...	21	16	6	2	...	...	...	...	...	...
...	...	...	...	119	114	2	1	2	...	...	1	108	92	15	23	...	...	...	...	...	1
...	...	...	...	43	53	...	...	...	...	...	...	...	...	...	...	7	16	36	37	...	...
5	1	89	1	461	103	14	1	8	...	5	...	39	10	52	30	85	30	234	31	78	3
...	...	...	...	4	2	...	...	...	1	...	...	1	...	3	3	...	...	...	...	...	...
1	1	1	...	38	15	1	1	1	1	1	1	6	3	8	7	6	2	21	6	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	2	2	3	...	...	...	...	...	...	...	...	1	1	...	4	1	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	32	32	3	2	...	...	...	...	13	18	18	11	2	5	2	...	...	...
...	...	...	...	3	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...
...	...	...	...	8	13	...	...	...	...	...	...	5	5	3	10	...	...	...	...	...	...
...	...	...	...	16	8	...	...	...	1	...	...	5	3	10	5	...	1	1	...	...	...
...	...	...	...	2	10	1	...	...	...	...	...	1	1	...	3	...	2	2	4	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	3	5	...	...	...	...	...	...	3	...	...	1	...	1	...	3	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
...	...	...	1	5	6	2	...	...	...	...	...	1	1	1	...	...	...	5	5	...	...
...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	...	2	1	...	...	...	...	...	...	...	...	...	...	2	...	...	1	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
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...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
6	3	42	1	422	157	56	4	14	2	8	4	60	37	84	49	97	32	239	47	20	2
...	...	...	...	9	5	...	...	1	...	...	...	2	...	4	3	3	2	1	...	...	...
...	...	1	...	39	27	2	3	1	1	1	...	14	14	20	12	3	2	6	2	...	...
...	...	...	...	7	4	...	...	...	...	...	...	1	...	2	1	2	1	2	2	...	...

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
Peritoneal	30	14	16	12	10	1	6		
32. Pott's disease	5	2	3	2	3				
Psoas abscess	6	5	1	2	1	3			
33. White Swellings (Tuber, Hip-Joint)	4	4		4					
34. Tuberculosis of other organs—									
Tuber. Adenitis (operat. shock)	1	1		1					
Kidneys	1	1		1					
35. Disseminated tuberculosis									
36. Rickets	4	2	2	2	2				
37. Syphilis (congenital)	24	16	8	16	8				
Syphilis (acquired)	19	15	4	7		7	3		
38. Gonococcus infection									
39. Cancer of the buccal cavity—Lip	4	4		1		2			
Lip (operative shock)	1	1		1					
Maxilla	6	6		2		1		2	
Mouth	1	1						1	
Tongue	4	4		1		1		2	
Sarcoma Maxilla	2	1	1						1
40. Cancer of the stomach and liver—									
Stomach	166	112	54	33	8	57	25	20	21
Stomach (operative shock)	6	3	3			2	2	1	1
Liver	48	26	22	8	3	14	9	4	8
Liver, sarcoma of	3	1	2	1	1				1
41. Cancer of the peritonaeum, intestines, rectum—									
Intestines	41	15	26	3	4	9	9	2	13
Rectum	16	10	6	1		6	5	3	1
Rectum (operative shock)	1	1				1			
Sarcoma of intestines	3	2	1		1	2			
42. Cancer of the female genital organs—									
Uterus	55		55		3		25		25
Uterus (operative shock)	1		1				1		
Ovary	1		1				1		
Vulva	1		1				1		
Sarcoma Ovary	2		2		2				
43. Cancer of the breast	31		31		4		11		13
Sarcoma of	3		3				2		1
44. Cancer of the skin (Face)	9	7	2	3		3	2	1	
(Hand)	1	1				1			
45. Cancer of other or unspecified organs									
Bladder (urinary)	11	11		1		7		2	
Brain	1	1				1			
Foot	1	1						1	
Kidney (operative shock)	1		1						1
Larnyx	6	4	2	2			1	2	1
Leg	1	1		1					
Lung	5	1	4		1	1	2		1
Mediastinal glands	3	1	2			1	1		1
Neck	8	7	1	2		3		2	1
Penis	1	1				1			
Prostate	4	4				3		1	
Testicle	1	1		1					
Thyreoid gland	1		1		1				
Sarcoma Brain	5	3	2			3	2		
Eye	1		1						1
Groin	1		1				1		
Hip	1	1		1					
Kidney	1		1				1		
Neck	13	11	2	3	1	7	1		
Pelvis	2	2		1		1			
Prostate	1	1				1			
Scrotum	1	1				1			
Spinal cord	2	2		1		1			
Spleen	1	1		1					
Testicle	1	1		1					

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertain'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
		1		10	15	3		1			1	5	7	2	1	1	6	6	2		
				1	3			1					2	1	1			1			
				4	1	1						1		2	1			2			
				4										4							
				1										1							
				1												1					
				2	2							2	1		1						
				13	6	2	1	1	1			8	4	7	3					1	1
	1	1		11	3	4	1							3	1	4	1	8	2		
1				4												1		3			
				1										1							
		1		5		1										1		5			
				1										1							
				4												1		3			
		1			1	1											1	1			
1		1		108	54	2		1		1		3	3	8	4	24	12	76	34	1	1
				3	3									1	2			2	1		
	1		1	25	21	1					1	1	2			5	4	19	16	1	
				1	2								1		1	1					
1				13	26	2								1	2	5	4	9	19		1
				10	6									1		3	2	6	4		
				1												1					
				2	1											2	1				
	1		1		55								1		9		21		24		
					1														1		
					1										1						
					1												1				
					2										1		1				
	2		1		31								2		5		10		14		
					3								1				2				
				7	2											4		3	2		
1				1												1					
1				11										1		5		5			
				1														1			
				1														1			
					1												1				
				3	2	1									1		1	3		1	
				1														1			
				1	4								1				1	1	2		
				1	2												1	1	1		
				6	1	1										2		5	1		
				1														1			
				4												1		3			
				1												1					
					1										1						
				3	2									1	1	1		1	1		
					1														1		
					1										1						
				1								1									
					1														1		
		1		10	2			1				1			1	5	1	5			
				2										1		1					
				1										1							
				1														1			
				2												2					
				1															1		
				1										1							

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
Thigh	1	1		1					
Thorax	1	1				1			
Tibia	1	1		1					
Disseminated Sarcoma	2	1	1	1			1		
46. Other tumors (except of female genital organs)—									
Lymphadenoma	1		1				1		
Abdominal tumor	1	1				1			
Tumor Mediastinum	1		1				1		
47. Acute articular rheumatism	9	3	6	1	2	2	3		1
48. Chronic rheumatism and gout	13	2	11		3	2	3		5
49. Scurvy	1	1		1					
50. Diabetes	96	50	46	15	7	28	21	5	19
51. Exophthalmic goitre	8	3	5		2	3	3		
52. Addison's disease	1	1		1					
53. Leukaemia	13	10	3	5	2	4		1	1
54. Anaemia chlorosis	18	9	9	4	4	3	5	2	
55. Other General Diseases (purpura hemorrhagica	2	1	1	1	1				
56. Alcoholism (acute and chronic)	88	66	22	29	3	16	13	8	3
57. Chronic lead poisoning	2	2				2			
58. Other chronic occupation poisonings									
59. Other chronic poisonings—									
(Morphinism)	7	5	2	1		1	2	1	
Opium	2	2				2			
II. Diseases of the Nervous System.									
60. Encephalitis	4	4		2		2			
61. (a) Simple meningitis	33	23	10	14	9	3		1	1
61. (b) Cerebrospinal meningitis	26	18	8	16	8	1		1	
61c. Cerebrospinal meningitis (Epidemic)	3	3		2		1			
62. Locomotor ataxia	16	13	3	5		5	1	1	2
63. Other diseases of the spinal cord									
Bulbar Paralysis	3	2	1			1	1	1	
Myelitis	7	5	2	2		2	1	1	1
Paralysis Agitans	4	1	3	1	1				2
Paralysis—ascending	2	1	1	1					1
Paralysis—infantile	3		3		3				
Progressive muscular atrophy	2	1	1	1	1				
Syringomyelia	2	2	1			1	1		
Spastic paraplegia	1	1		1					
Sclerosis of spinal cord	7	5	2	4	1	1	1		
Tumor of spinal cord	1	1				1			
64. Cerebral hemorrhage, apoplexy	291	157	134	23	11	82	43	42	77
65. Softening of the brain	19	13	6	2		7	3	4	3
66. Paralysis without specified cause	8	2	6				4	2	2
Hemiplegia	14	5	9			5	3		6
67. General paralysis of the insane	15	9	6		1	7	2	2	2
68. Other forms of mental alienation	1	1		1					
69. Epilepsy	11	5	6	4	3	1	3		
70. Convulsions (nonpuerperal)									
71. Convulsions of infants	14	11	3	11	3				
72. Chorea	1		1		1				
73. Neuralgia and neuritis	1		1				1		
74. Other diseases of the nervous system									
Cretinism	1	1		1					
Tumor of Brain	12	7	5	2	2	4	2	1	1
75. Diseases of the eyes and their adnexa									
76. Diseases of the ears, (Otitis Media)	8	8		5		2			

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TABLE NO. III—Continued.
FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-asscr-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				1												1					
				1										1							
				1								1									
				1	1								1			1					
					1												1				
				1												1					
					1												1				
				3	6										1			3	5		
				2	11												4	2	7		
				1										1							
1		1		46	45	4					1	1	3	6	3	10	10	32	30		
				2	5	1									1	1	4	2			
				1								1									
				9	3					1			2	5		2	1	3			
				9	9								1	3	2	1	5	5	1		
				1	1								1					1			
1	3	12		65	22					1		3	4	8	5	14	7	32	6	9	
				2								1						1			
		2		4	2					1					1	4	1			1	
						2												2			
				4										1		1		2			
1		4		22	9	1			1			8	4	4	4	3	2	4		4	
				17	7		1	1				6	1	5	7	4		3			
				3								3									
2				12	3	1								3		3	1	7	2		
				2	1													2	1		
				4	2					1			1	2	1	1		2			
				1	3										1	1	1		1		
				1	1													1	1		
					3								2		1						
				1	1										1			1			
				1	1													1	1		
				1								1									
				5	2									1	2	1		3			
				1														1			
6	3	4		150	133	6	1			1		4	4	11	14	37	42	103	73	2	1
				13	6							1		1		5	2	6	4		
				2	6										1		4	2	1		
				4	9	1							1			2	1	3	7		
			1	9	6								1	2		2	2	5	3		
				1														1			
				5	6							1	1	1	1	1	3	2	1		
				11	3							9	1	2	1				1		
					1								1								
					1														1		
				1								1									
				7	5							1	1	1	1	1	2	4	1		
		1		8								1		2		2		2		1	

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TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
III. Diseases of the Circulatory System.									
77. Pericarditis	10	5	5	2	3	3	1		1
78. Acute endocarditis	47	27	20	19	11	7	9		
79. Organic diseases of the heart—									
Valvular	448	264	184	82	26	127	65	51	91
Dilatation of	35	18	17	5	4	11	4	2	9
Endocarditis, chronic	105	70	35	26	4	24	15	16	16
Fatty heart	19	11	8	4		5	6	1	2
Myocarditis, chronic	341	195	146	55	15	70	44	46	85
80. Angina pectoris	43	27	16	3		19	5	5	11
81. Diseases of arteries, (atheroma, aneurism, etc.)—									
Aneurism of aorta	19	16	3	6	1	7		2	2
Arterio-Sclerosis	170	122	48	32	5	45	6	41	36
82. Embolism and thrombosis	9	5	4	2		2	2	1	2
83. Diseases of veins (varices, hemorrhoids, phlebitis, etc.)	1		1						1
84. Diseases of lymphatic system (lymphangitis, etc.)									
85. Hemorrhage; other diseases of circulatory system, Adams—Stokes disease	2	2		1		1			
IV. Diseases of the Respiratory System.									
86. Diseases of the nasal fossae									
87. Diseases of the larnyx (abscess of)	1		1						
Laryngismus stridulus	2	1	1	1	1				
88. Diseases of the thyreoid body									
89. Acute bronchitis	72	36	36	23	16	6	4	7	16
90. Chronic bronchitis	54	28	26	9	4	9	5	9	17
91. Bronchopneumonia	225	125	100	96	57	18	17	9	23
92. Lobar pneumonia	400	274	126	144	49	81	44	23	32
93. Pleurisy	27	18	9	7	2	9	3		4
94. Pulmonary congestion, pulmonary apoplexy	5	1	4			1	2		2
Hypostatic pneumonia	8	5	3	1		1		3	3
95. Gangrene of the lung	1	1		1					
96. Asthma									
97. Pulmonary emphysema	5	3	2	1		1	1	1	1
98. Other diseases of the respiratory system (tuberculosis excepted)									
Abscess of Lung	2	1	1	1	1				
V. Diseases of the Digestive System.									
99. Diseases of the mouth and adnexa—									
(Abscess parotid gland)	1	1				1			
Dental Caries (Septicemia foll.)	1		1						1
Sprue	1	1		1					
100. Diseases of the Pharnyx (Angina Ludovicci)	1	1		1					
(Angina-Vincent's)	2	1	1	1	1				
Abscess pharnyx (Septicemia foll.)	2	1	1	1			1		
Tonsilitis (Septicemia foll.)	2	2		2					
101. Diseases of the oesophagus									
102. Ulcer of the stomach	17	10	7	3	2	5	4	2	1
103. Other diseases of stomach (cancer excepted)—									
Gastritis	49	25	24	20	20	4	1	1	3
104. Diarrhea and enteritis (under 2 years—									
Cholera infantum	14	6	8	6	8				

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TABLE NO. III—Continued.

YEAR ENDING JUNE 30, 1912.

n		Color								Nativity									
d	Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascertain'd	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
			8	4	2					1				2	2	2	3	1		
	1		26	20			1				4	5	6	7	4	4	13	4		
2	2		241	181	18	3	2		3		11	7	16	18	72	57	164	101	1	1
			18	17								1		4	7	5	11	7		
	4		69	34	1			1			3	1	6	3	12	6	48	25	1	
	1		11	8								1	1	2	3	2	6	3	1	
1	22	1	186	145	9	1					6	6	8	8	38	30	127	101	16	1
			25	16	2								1		8	4	18	12		
			13	3	2				1		1				4		11	3		
	4	1	105	47	15	1			2				3	2	31	13	88	33		
			5	4											3	1	2	3		
				1														1		
			2												1		1			
		1		1																1
			1	1							1	1								
			33	34	3			1		1	8	7	11	8	5	2	12	19		
	1		28	26							2	1			1	3	25	22		
	2	2	117	94	7	2	1	3		1	39	31	33	25	10	19	42	25	1	
	24		261	124	13	1		1			36	24	52	24	52	28	121	49	13	1
	2		16	9	1				1		1		6		2	3	7	6	2	
			1	4												1	1	3		
			5	3											3		2	3		
			1												1					
			3	2							1				2			2		
			1	1										1	1					
			1														1			
				1												1				
			1												1					
			1										1							
			1	1								1					1			
			1	1									1			1				
			1				1						1		1					
			10	7								3	1	3	2		7	1		
			23	23	1		1			1	10	12	9	9	1		5	3		
			6	8							2	4	4	4						

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
Diarrhea	12	9	3	9	3				
Enteritis	42	19	23	19	23				
Entero-colitis	7	6	1	6	1				
Gastro-enteritis	84	42	42	42	42				
Ileo-colitis	13	7	6	7	6				
105. Diarrhea and enteritis (2 years and over)—									
Diarrhea	1	1		1					
Enteritis	4	1	3		1	1	1		1
Entero. colitis	2	1	1	1					1
Gastro-enteritis	18	9	7	6	3	2	1	1	2
Ileo-colitis	2	1	1	1	1				
Duodenal ulcer	7	7		3		3			
106. Ankylostomiasis									
107. Intestinal parasites									
108. Appendicitis	70	43	27	24	9	16	13		4
(Operative sepsis)	9	6	3	3	2	3	1		
(Operative shock)	3	1	2	1	1		1		
109. Hernias	16	9	7	5		1	3	2	4
(Operative shock)	6	4	2	1		3	2		
109a. Intestinal obstructions	32	19	13	11	5	6	5	1	3
(Operative sepsis)	2	1	1	1			1		
(Operative shock)	7	3	4	1		2	2		2
Intussusception	4	2	2	2	1		2	2	
(Operative shock)	5	5		5					
Volvulus	3	1	2		2				
110. Other diseases of the intestines—									
(Ulcer duodenum)	3	3				3			
Fecal fistula	3	1	2	1	1		1		
Foreign body in rectum	1	1		1					
111. Acute yellow atrophy of the liver	2	1	1	1			1		
112. Hydatid tumor of the liver									
113. Cirrhosis of the liver	184	132	52	43	4	65	27	16	18
114. Biliary calculi	17	6	11	2	2	3	5	1	4
115. Other diseases of the liver—									
Abscess of	7	7		5		2			
Cholecystitis	11	8	3	1	1	6	1	1	1
Hypertrophy of	1	1		1					
Inflammation of	2	1	1	1					1
Cholecystitis, (operative shock)	2	1	1		1	1			
Empyema gall bladder, (operative sepsis)	1	1				1			
116. Diseases of the spleen (tumor of)	1	1		1					
117. Simple peritonitis (nonpuerperal)	7	4	3	2	2	2			1
118. Other diseases of digestive system (excepting cancer, tuberculosis)—									
Pancreatitis	4	3	1		1	3			
VI. Diseases of Genito-Urinary System.									
119. Acute nephritis	56	35	21	20	7	11	8	3	6
120. Bright's disease	423	260	163	76	17	123	65	47	77
121. Chyluria									
122. Other diseases of the kidneys and adnexa									
Hydronephrosis	2	1	1		1	1			
Tumor of	2		2		1				1
Pyelitis	4	4		2		1		1	
Pyelonephritis	11	8	3	5	2	2		1	1
Pyonephrosis	2		2		1		1		
Tumor of kidney	1	1		1					
123. Calculi of the urinary passages	2	2		1				1	
124. Diseases of the bladder—									
Cystitis, chronic	15	13	2	3		6		4	2
Stricture of (operative shock)	2	2		2					

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-ascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				7	3	2						6	2	3	1						
				18	22	1			1			12	15	7	7		1				
				6			1					4	1	2							
				41	39		2	1	1			21	14	20	27	1					1
				7	6							4	3	3	3						
				1														1			
				1	3										1			1	2		
				1	1							1					1				
	1			9	7							4	2	1	1	1		3	4		
				1	1								1	1							
			1	6		1						1				1		5			
1	1		2	42	27	1						6	3	10	8	9	7	16	9	2	
				6	3							2	1		1			4	1		
				1	2								1			1			1		
			1	8	7	1						1		1	1	1	1	6	5		
				3	2					1		2		1				1	2		
1				19	12						1	5	2	4	2	3	4	7	5		
				1	1										1			1			
				3	4									1	1		2	2	1		
				2	2							1	1	1					1		
				5								5									
1				1	2								1		1			1			
				3														3			
				1	2											1	1		1		
				1												1					
				1	1									1	1						
1	3	7		118	52	14						5	10	11	6	26	10	81	26	6	
				6	11									1	2	2	5	3	4		
				5		2						1		1		2		3			
				8	3								1	1		3		4	2		
						1												1			
				1	1									1			1				
				1	1										1	1					
				1														1			
						1												1			
				4	3							1	2	1				2	1		
				2	1	1								1			1	2			
1				34	20	1			1			6	1	6	7	7	6	15	7	1	
3	2	11	2	22[illegible]	160	23	2	2		7	1	10	17	26	23	80	45	138	78	6	
				1	1								1					1			
					2								1		1						
				4												2		2			
				8	3							1				2	1	5	2		
					2												1		1		
				1										1							
				2										2							
				13	2											5		8	2		
				2												1		1			

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
125. Diseases of the urethra, urinary abscess, etc.									
126. Diseases of the prostate (abscess of)	1	1				1			
Hypertrophy of	12	12		2		5		5	
127. Nonvenereal diseases of male genital organs	1	1						1	
128. Uterine hemorrhage (nonpuerperal)									
129. Uterine tumor (noncancerous)—									
Fibro-myoma of	10		10				8		2
(Operative shock)	11		11		1		7		3
130. Other diseases of the uterus (Parametritis)	2		2				2		
Amenorrhea	1		1		1				
Pelvic abscess	4		4		1		2		1
(Operative sepsis)	1		1				1		
(Operative shock)	2		2				2		
131. Cysts and other tumors of the ovary	8		8		1		6		1
(Operative sepsis)	3		3				2		1
(Operative shock)	1		1				1		
132. Salpingitis and other diseases of female genital organs	12		12		10		1		1
(Operative sepsis)	3		3				3		
(Operative shock)	2		2		1		1		
133. Nonpuerperal diseases of the breast (cancer excepted)									
VII. The Puerperal State.									
134. Accidents of pregnancy—									
Abortion (natural)	2		2				2		
Abortion (self-induced)	7		7		2		4		1
Abortion (homicide)	3		3				3		
Miscarriage	4		4				4		
Extra uterine pregnancy	1		1				1		
(Operative shock)	1		1				1		
Uncontrollable vomiting of	2		2				2		
135. Puerperal hemorrhage	1		1				1		
136. Other accidents of labor—									
Cesarian section	3		3				3		
Rupture of uterus	1		1				1		
137. Puerperal septicaemia	26		26		1		25		
138. Puerperal albuminuria and convulsions	9		9				9		
139. Puerperal phlegmasia alba dolens, embolus, sudden death	3		3				3		
140. Following childbirth (exhaustion)	1		1				1		
141. Puerperal diseases of the breast									
VIII. Diseases of the Skin.									
142. Gangrene, (septic)	2	1	1					1	1
143. Furuncle	7	5	2	4	2	1			
Carbuncle (septicemia foll)	2	2				1		1	
144. Acute Abcess—									
Of frontal sinus (septicemia foll.)	1	1				1			
Of hip	1		1						
Mediastinal (septicemia foll.)	1	1				1			
Of neck (septicemia foll.)	1	1		1					
Multiple (septicem. foll.)	1	1		1					
Phlegmon Breast (septicemia foll.)	1	1		1					
Phlegmon thigh	1		1		1				
145. Other diseases of the skin and adnexa									
Eczema	1	1		1					

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-ascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				1												1					
				11		1										1		11			
				1														1			
					9		1								4		1		5		
					11								2		4		1		4		
					2												1		1		
					1								1								
					3		1										1		3		
					1														1		
					2										1		1				
					8								1		4		2		1		
					3										2		1				
					1														1		
					12								1		4		4		3		
					3										1				2		
					2								1				1				
					2										1		1				
					7								1		3		1		2		
					3										2				1		
					3				1								3		1		
					1										1						
					1										1						
					2								2								
					1														1		
					3														3		
					1														1		
					26								3		5		5		13		
					8						1		1		3				5		
					3										1				2		
					1														1		
				1	1											1	1				
				5	2							3	1	1	1			1			
				2										1				2			
				1														1			
	1				1														1		
				1														1			
						1												1			
				1														1			
				1														1			
					1												1				
				1								1									

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
Ulcer leg (operative shock)	1	1				1			
Pemphigus	2	1	1	1					1
IX. Diseases of the Bones.									
146. Diseases of the bones (tuberculosis excepted)—									
Mastoid abscess, (septic. foll.)	1	1		1					
Mastoiditis	2		2		2				
Osteomyelitis	3	2	1	2	1				
147. Diseases of the joints (excepting tuberculosis and rheumatism), synovitis of knee	1	1				1			
148. Amputations									
149. Other diseases of the organs of locomotion									
Dislocation hip, (op. shock)	1		1		1				
X. Malformations.									
150a. Hydrocephalus	3	2	1	2	1				
150b. Congenital malformation of heart	31	17	14	17	14				
150c. Other congenital malformations—									
Cleft palate	2	2		2					
Hare lip	1		1		1				
Occlusion Bile Ducts	1	1		1					
Congenital Eventration	2	1	1	1	1				
Intestinal	1	1		1					
Pyloric stenosis	2	2		2					
Spina Bifida	2	1	1	1	1				
XI. Diseases of Early Infancy.									
151a. Premature birth	128	62	66	62	66				
151b. Congenital debility, "atrophy," "marasmus," inanition, etc.	37	19	18	19	18				
Atelectasis, congenital	25	16	9	16	9				
Icterus neonatorum	4	2	2	2	2				
152. Other diseases peculiar to early infancy—									
Asphyxia neonatorum	5	2	3	2	3				
Compression of cord	8	5	3	5	3				
Hemorrhagica neonatorum	5	2	3	2	3				
Asphyxia while nursing	3	1	2	1	2				
Melena neonatorum	4	2	2	2	2				
Cesarian operation	3	1	2	1	2				
Application forceps	14	9	5	9	5				
Difficult labor	1	1		1					
153. Lack of care (exposure)	2	1	1	1	1				
XII. Old Age.									
154. Senility	96	43	53	3	5	19	5	21	43
XIII. Affections Produced by External Causes.									
155. Suicide by Poison—									
Bi-chloride mercury	3	1	2			1	2		
Carbolic acid	5	2	3	1			2		1
Chloroform	2	2				2			
Cyanide potassium	11	10	1	3	1	5			
Hydrocyanic acid	2	2		1				1	
Iodine	1		1						1
Lysol	1		1		1				

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Unascerta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				1														1			
				1	1							1					1				
				1														1			
					2										1				1		
				2	1								1	1				1			
				1										1							
					1												1				
				2	1							1	1	1							
				17	14							14	12	3	2						
				2								1		1							
							1						1								
				1								1									
				1	1							1	1								
				1								1									
				2								2									
				1	1								1	1							
				59	65	2		1			1	54	56	8	10						
				18	18			1				15	8	4	10						
				16	9							15	8	1							1
				2	2								2	2							
				2	3							2	3								
				5	3							5	3								
				2	3							2	2		1						
				1	1		1					1	1		1						
				2	2							2	2								
				1	2							1	2								
				9	5							9	4		1						
				1								1									
				1	1							1	1								
				43	53											7	16	36	37		
				1	2										1		1	1			
			1	2	3							1					1		2	1	
				2														2			
			2	10	1							1			1	2		5		2	
				2												1		1			
					1												1				
					1										1						

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TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
Morphine	2	2		1		1			
Phenol	1	1							
Strychnine	3	3						1	
156. Suicide by asphyxia (illuminating gas)	51	38	13	10	1	13	8	2	3
157. Suicide by hanging or strangulation	16	15	1	4		5			1
158. Suicide by drowning	4	3	1	3	1				
159. Suicide by firearms	83	77	6	37	3	26	2	3	1
160. Suicide by cutting or piercing instruments	15	13	2	3		8	1	1	1
161. Suicide by jumping from a high place									
From building	3	2	1	1		1	1		
From window	3	3		1					
From bridge of steamer	1	1		1					
162. Suicide by crushing (electric car)	1	1							
163. Other suicides—									
164. Poisoning by food—									
Cucumbers	2	1	1	1			1		
Chicken	1		1				1		
Fish	1	1		1					
Shell fish	2		2				2		
Mushrooms	2	1	1	1			1		
Ptomaine (unqualified)	3	1	2			1	1		1
165. Other acute poisonings—									
Arsenic (accidentally self ad.)	1		1				1		
Bi-chloride mercury (self ad.)	1		1				1		
Chloral hydrate (self ad.)	1	1				1			
Chloroform (self administered)	2		2				2		
Cyanide potassium (self ad.)	2	1	1			1	1		
Morphine (self admin.)	3	1	2	1			2		
Muriatic acid (self admin.)	1		1						1
166. Conflagration—	5	1	4	1	1		1		2
167. Burns (conflagration excepted)—									
Playing with matches	1		1		1				
From bonfire	1		1		1				
Open stove	2		2		1				1
Steam radiator	1		1		1				
Overturned oil heater	1	1				1			
Ignition bedclothes	1		1						1
Lighting fire kerosene	1		1				1		
Boiling soup	1	1		1					
Boiling water (immersion)	2	2		1		1			
Manner unknown	2	1	1			1			1
168. Absorption of deleterious gases (conflagration excepted)—									
Illuminating gas (accidental)	42	37	5	14		7	3	7	2
Asphyxia (by smoke)	2	1	1	1			1		
Chloroform anesthesia	1	2		1		1			
Ether anesthesia	3	1	2		2			1	
In overheated bath-room	1	1		1					
169. Accidental drowning (in bay)	49	48	1	17		6	1	3	
In well	1	1		1					
170. Traumatism by firearms									
Accid. self-inflicted	1		1						1
Accid. from air gun	1	1		1					
Hunting accident	2	2		2					
In shooting gallery	1	1		1					
171. Traumatism by cutting or piercing instruments	1	1		1					
172. Traumatism by fall—									
From baby carriage	1	1		1					

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TABLE NO. III—Continued.

FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-ascer-ta'n'd	
M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				2								1				1					
		1		1																1	
		2		3														2		1	
1	1	12		38	13								1	1	1	8	7	16	4	13	
1		5		14	1	1						1				5		7	1	2	
				3	1											1		2	1		
		11		72	6	1		4				1		9	2	15	2	46	2	6	
		1		11	2			1		1						4	2	7		2	
				2	1											1		1	1		
		2		3												1		1		1	
				1										1							
		1		1																1	
				1	1										1	1					
					1										1						
				1														1			
					2												1		1		
				1	1											1			1		
				1	2									1	2						
					1												1				
					1										1						
				1										1							
					2										1				1		
				1	1											1					1
				1	1		1								1	1			1		
					1														1		
				1	4										1	1	2		1		
					1										1						
					1										1						
					2										1		1				
					1										1						
				1														1			
					1														1		
					1								1								
				1										1							
				2										1				1			
				1	1												1	1			
		9		36	5					1		3	1	4		4	2	20	2	6	
				1	1													1	1		
				2												1		1			
				1	2										1				2		
				1										1							
		22		46	1	1		1				3		2		5	1	19		10	
				1										1							
					1														1		
				1										1							
				2								1				1					
				1								1									
				1														1			
				1										1							

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TABLE NO. III—Continued.
REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social: Single M.	Single F.	Married M.	Married F.	Widowed M.	Widowed F.
Into basement	2	2							
Over balustrade	1	1		1					
From bed	1	1						1	
From building	5	5		4		1			
From chair	2		2		1				1
Down elevator shaft	2	1	1	1	1				
Into excavation	1	1		1					
From fence	1	1				1			
On floor	10	7	3	5		1		1	3
Down light well	1	1				1			
From loft	2	2		1					
From parapet	1	1		1					
On pavement	5	5		3		1			
From porch	3	2	1	2	1				
From scaffold	7	7		4		2			
From shed	1		1		1				
Into hold of ship	1	1				1			
From rail of ship	1	1		1					
From rigging of ship	2	2		1		1			
Down stairs	5	2	3	2			2		1
Into tank	1	1						1	
From trestle	1	1							
From windmill	1	1		1					
From window	9	6	3	3	2	1	1	1	
172a. Crushed by elevators	7	6	1	3	1	3			
173. Traumatism in mines and quarries									
174. Traumatism by machines									
Crushed in fly-wheel	2	2				2			
Crushed on revolving shaft	3	3		2		1			
Struck by sounding rod	1	1		1					
175a. Railroad accidents and injuries—									
Collision of trains	1	1		1					
Crushed between cars	1	1		1					
Fall from train	1	1				1			
Fall from flat-car	1	1				1			
Run over by train	8	8		5		2			
Struck by locomotive	8	8		4		2			
175b. Street car accidents and injuries—									
Crushed bet. electric cars	1	1				1			
Crushed bet. elec. car and pole	1	1		1					
Fall from electric car	6	4	2	1		1	1	1	1
Run over by electric car	6	6		4		1			
Struck by electric car	15	14	1	4	1	6		1	
Collision electric cars	2	2				2			
175c. Automobile accidents and injuries—									
Hurled from auto	4	3	1	2	1	1			
Run over by auto	1	1		1					
Struck by auto	6	4	2	2	2	1		1	
Collision auto and elec. car	1		1						
Collision auto and wagon	1	1			1				
175d. Injuries by other vehicles—									
Fall from wagon	1	1		1					
Run over by wagon	7	6	1	5	1	1			
Thrown from wagon (runaway)	4	4		3		1			
175e. Landslide—other crushing									
By caving earth	2	2				2			
Rolling log	1	1		1					
Iron pipe	1	1		1					
By falling load of cement	1	1		1					
By steam roller	1	1				1			
By falling timber	1	1		1					
Between wagon and door	1	1		1					
176. Injuries by animals—									
Struck by runaway horse	2	1	1			1			1
Kicked by horse	3	3		2		1			

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TABLE NO. III—Continued

'AL YEAR ENDING JUNE 30, 1912.

ation			Color								Nativity									
orced	Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-ascerta'n'd	
F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
	1		2												1				1	
			1														1			
			1														1			
			5										1		1		3			
				2								1				1				
			1	1								1					1			
			1										1							
			1														1			
			7	3									1				6	3		
			1														1			
	1		2												1				1	
			1												1					
1			5										1		2		2			
			2	1									2	1						
	1		7								2		2		2		1			
				1										1						
			1																1	
							1										1			
			2								1						1			
			2	3							1					3	1			
			1										1							
	1		1														1			
			1														1			
	1		6	3							1		1		1	1	3	2		
			5	1	1						2		1	1			3			
			2														2			
			3										1		1		1			
			1										1							
			1												1					
			1																	
			1																1	
			1										1							
	1		8										1		1		5		1	
	2		8										1		1		5		1	
			1												1					
			1														1			
	1		4	2							1				1		1	2	1	
	1		6												1		4		1	
	3		14	1							1		1		3		6	1	3	
			2														2			
			2	1			1				1		1	1			1			
			1										1							
			4	2							1			1		1	3			
				1										1						
			1														1			
			6	1							4	1			1		1			
			4								1	1					2			
			2														2			
			1								1									
			1														1			
			1														1			
									1						1					
			1										1							
			1										1							
			1	1												1	1			
			3								1						2			

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TABLE NO. III—Continued.

REPORT OF DEATHS REGISTERED DURING

Causes of Death (International Classification)	Grand Totals	Males	Females	Social					
				Single		Married		Widowed	
				M.	F.	M.	F.	M.	F.
177. Starvation									
178. Excessive cold									
179. Effects of heat	1	1					1		
180. Lightning									
181. Electricity (lightning excepted)	3	3				3			
182. Homicide by firearms	35	30	5	11	4	12	1	3	
183. Homicide by cutting or piercing instruments	4	2	2	1		1	1		
184. Homicide by other means, (blows)	3	2	1			2			1
In fist fight	2	2		1		1			
By illuminating gas	1		1		1				
Thrown down stairs	1	1						1	
Strangulation (infanticide)	1		1		1				
185. Fractures									
Skull (by falling boom)	2	2		1		1			
Skull (by capstan bar)	1	1				1			
Skull (by flying steel)	1	1				1			
Skull (manner unknown)	2	2		1					
186. Other injuries—									
Rupture liver (struck by coal bucket)	1	1				1			
Hemorrhage brain (struck by lump coal)	1	1				1			
Hemorrhage brain (struck by baseball)	1	1				1			
Traumatic meningitis (struck by tennis ball)	1		1		1				
Traumatic pneumonia (injury fist fight)	1	1				1			
Internal injuries (struck by iron bar)	1	1				1			
Perforation intestines (manner unknown)	1	1				1			
Rupture intestines (struck by truck handle)	1	1		1					
186a. Suffocation—									
By aspiration of food	2	2		1					
By aspiration foreign substance	2	2							
XIV. Ill-Defined Organic Disease.									
187. Ill-defined organic disease									
Inanition marasmus (over 3 months)	7	4	3	4	3				
188. Sudden death									
189a. Cause of death ill-defined									
189b. Cause of death not specified, or unknown									

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TABLE NO. III—Continued.
FISCAL YEAR ENDING JUNE 30, 1912.

Relation				Color								Nativity									
Divorced		Unascertained		White		Chinese		Japanese		African		San Francisco		Other Parts of Cal		Other States		Foreign		Un-ascer-ta'n'd	
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
				1												1					
				3										1		1		1			
1		3		19	5	10				1		4	1	1	4	3		18		4	
			1	1	2					1		1				1			1		1
				2	1							1	1	1							
				2										1				1			
					1																1
				1								1									
					1										1						
				2												1		1			
				1														1			
				1																1	
		1		2								1									
				1														1			
				1														1			
				1												1					
					1								1								
				1														1			
				1														1			
				1														1			
				1												1					
		1		2										1						1	
		2		2																2	
				4	2				1			1		3	3						

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TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst't'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
DEATHS FROM ALL CAUSES.	6766	4185	2581	854	606	374	257	249	227	448	406	198	171	102	5	1960	909			267	102
I. General Diseases	1855	1171	684	219	160	90	61	51	54	122	101	46	46	5	1	638	261			92	40
II. Diseases of Nervous System	510	298	212	57	52	18	21	22	28	24	40	19	21	2		156	50			11	2
III. Diseases of Circulatory System	1249	762	487	180	134	66	58	59	47	84	76	39	39	9	1	325	132			45	15
IV. Diseases of Respiratory System	802	493	309	102	91	57	35	33	22	77	68	27	20	3		194	73			25	4
V. Diseases of the Digestive System	683	416	267	72	45	36	23	18	16	56	39	15	14	2	1	217	129			33	11
VI. Diseases of Genito-Urinary System	594	340	254	83	55	19	24	31	28	23	20	16	16			168	111			37	19
VII. The Puerperal State	64		64		7		6		3		9		2				37				7
VIII. Diseases of the Skin	22	16	6	1												15	6				
IX. Diseases of the Bones	8	4	4													4	4			1	2
X. Malformations	45	27	18	6	2	3	3	2	2	7	2	2	1			7	8				
XI. Diseases of Early Infancy	239	123	116	28	25	24	15	10	6	19	26	10	6			30	38				
XII. Old Age	96	43	53	15	15	6	6	4	8	6	13	6	1			6	10			2	
XIII. Affections Produced by External Causes	592	488	104	91	19	52	5	19	13	27	12	18	5	81	2	200	48			21	2
XIV. Ill-Defined Diseases	7	4	3		1	1				3							2				
1. General Diseases.																					
1. Typhoid fever	59	41	18	1	3	3		1		5	1	2	1	1		28	13			2	3
2. Typhus fever																					
3. Relapsing fever																					
4. Malaria	7	5	2	4	1											1	1				
5. Smallpox																					
6. Measles	69	35	34	10	11	4	2	3		7	12	2	3			9	6				
7. Scarlet fever	3	3		1		1		1													
8. Whooping cough	23	8	15		3	1	5		1	4	3	2	3			1	1				
9. Diphtheria	25	16	9	7	1	1	1	1	2	4		2	1			1	4				
10. Influenza	13	3	10	1	2		2			1	1		3			1	2				

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14. Dysentery																					
15. Plague																					
16. Yellow Fever																					
17. Leprosy	1	1														1					
18. Erysipelas (idiopathic)	13	7	6	1	1			1			2					5	3				
Following wound face	2	1	1				1									1					
19. Other epidemic diseases																					
20. Purulent infection and septicaemia—																					
Following infected wound face	1	1		1																	
Following infected wound hand	3	2	1							1						1	1				
Following infected wound groin	1	1														1					
Following infected wound nose	1	1				1															
Following needle prick carbncle	1		1														1				
Following fracture of leg	1		1														1				
Following operation on hip	1	1														1					
(Pneumococcic)	1	1														1					
Pyemia (Streptococcic)	4	3	1	2												1	1				
21. Glanders																					
22. Anthrax																					
23. Rabies	3	3				1						1				1					
24. Tetanus (Trismus Neonatorum)	1		1				1														
Following carbuncle	1	1														1					
Following injury to hand	2	2														2				1	
Following punctured nail wd ft	1	1														1					
25. Mycoses																					
26. Pellagra	1		1								1										
27. Beriberi																					
28. Tuberculosis of the lungs	667	500	167	105	41	34	20	17	8	52	35	15	7	3		274	50			27	3
29. Acute miliary tuberculosis	15	10	5	2	1			1		1		1	2			5	2			4	
30. Tuberculous meningitis	74	43	31	8	9	5		1	1	9	6	6	3			14	12			1	2
31. Abdominal tuberculosis																					
Intestinal	11	7	4	3	1		1	1								3	2			1	
Peritoneal	30	14	16	4	2	1	1		2	2	2	1				6	2			1	
32. Pott's disease	5	2	3		1						1			1		1	1				
Psoas abscess	6	5	1								1					5				1	
33. White Swellings (Tuber, Hip-Joint)	4	4														4					
34. Tuberculosis of other organs—																					
Tuber. Adenitis (operat. shock)	1	1														1					
Kidneys	1	1														1					
35. Disseminated tuberculosis																					
36. Rickets	4	2	2	1		1					2										
37. Syphilis (congenital)	24	16	8	5	2	1		2		1	1					7	5				
Syphilis (acquired)	19	15	4	3	1	1		1								10	3			1	1

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TABLE NO. III—Continued.

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst-t'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
38. Gonococcus infection																					
39. Cancer of the buccal cavity																					
Lip	4	4														4				2	
Lip (operative shock)	1	1														1					
Maxilla	6	6						1				1				4				1	
Mouth	1	1														1				1	
Tongue	4	4						1				2				1					
Sarcoma Maxilla	2	2	1													1	1				
40. Cancer of the stomach and liver—																					
Stomach	166	112	54	11	11	9	3	7	5	12	5	2	4			71	26			14	7
Stomach (operative shock)	6	3	3													3	3			2	1
Liver	48	26	22	5	8	2	3	2		3	3	1				13	8			2	2
Liver, sarcoma of	3	1	2													1	2				
41. Cancer of the peritonaeum, intestines, rectum—																					
Intestines	41	15	26	2	7	1	2		3		3		1			12	10			1	2
Rectum	16	10	6	1	1	1	1		1	1		1				6	3				1
Rectum (operative shock)	1	1														1				1	
Sarcoma of intestines	3	2	1										1			2					
42. Cancer of the female genital organs—																					
Uterus	55		55		14		4		5		5		3				24				6
Uterus (operative shock)	1		1														1				1
Ovary	1		1				1														1
Vulva	1		1														1				
Sarcoma Ovary	2		2		1				1												
43. Cancer of the breast	31		31		9		1		4		2		2				13				2
Sarcoma of	3		3		1		1										1				
44. Cancer of the skin (Face)	9	7	2	2	1						1					5					
(Hand)	1	1														1					

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Foot																					
Kidney (operative shock)	1		1													1	1			1	
Larynx	6	4	2	1	1					2						1					
Leg	1	1														1					
Lung	5	1	4		1				1		1		1			1				1	
Mediastinal glands	3	1	2	1	1												1				
Neck	8	7	1	2				1					1			4					
Penis	1	1		1																	
Prostate	4	4														4				1	
Testicle	1	1						1													
Thyreoid gland	1		1														1				
Sarcoma Brain	5	3	2	1					1							2	1			1	
Eye	1		1				1														
Groin	1		1						1												
Hip	1	1		1																	
Kidney	1		1								1										1
Neck	13	11	2	1	1	1		2	1							7				4	
Pelvis	2	2														2				2	
Prostate	1	1														1				1	
Scrotum	1	1				1															
Spinal cord	2	2														2					
Spleen	1	1														1					
Testicle	1	1						1													
Thigh	1	1														1					
Thorax	1	1														1				1	
Tibia	1	1																			
Disseminated Sarcoma	2	1	1									1									
46. Other tumors (except of female genital organs)—													1			1				1	
Lymphadenoma	1		1														1				
Abdominal tumor	1	1														1					
Tumor Mediastinum	1		1				1														
47. Acute articular rheumatism	9	3	6		2				1				1			3	2			1	
48. Chronic rheumatism and gout	13	2	11	1	2	1			4		1		1				5				
49. Scurvy	1	1														1					
50. Diabetes	96	50	46	11	10	5	4	4	9	6	8	3	5			21	10			7	2
51. Exophthalmic goitre	8	3	5	1												2	5			1	2
52. Addison's disease	1	1								1											
53. Leukaemia	13	10	3	1		1					1		1			8	1			5	
54. Anaemia chlorosis	18	9	9	3	3	2			2	1			2			3	2			1	1
55. Other General Diseases (purpura hemorrhagica	2	1	1													1	1				
56. Alcoholism (acute and chronic)	88	66	22	8	5	10	4			7	2	2			1	39	10				
57. Chronic lead poisoning	2	2								1						1					

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst't'ns, hospitals, etc M.	Pub. Inst't'ns, hospitals, etc F.	Refugee Camps M.	Refugee Camps F.	Non Resident M.	Non Resident F.
58. Other chronic occupation poisonings																					
59. Other chronic poisonings—																					
(Morphinism)	7	5	2	1												4	2				
Opium	2	2		2																	
II. Diseases of the Nervous System.																					
60. Encephalitis	4	4														4					
61. (a) Simple meningitis	33	23	10	7	2		1	3	2	1	3					12	2			2	1
61. (b) Cerebrospinal meningitis	26	18	8	3	2	1	2			1	1	1	1			12	2			1	
61c. Cerebrospinal meningitis (Epidemic)	3	3								1						2					
62. Locomotor ataxia	16	13	3	1						1	1		1			11	1			2	
63. Other diseases of the spinal cord																					
Bulbar Paralysis	3	2	1					1								1	1				
Myelitis	7	5	2				1			2			1			3				1	
Paralysis Agitans	4	1	3										1			1	2				
Paralysis—ascending	2	1	1						1			1									
Paralysis—infantile	3		3								2						1				
Progressive muscular atrophy	2	1	1	1													1				
Syringomyelia	2	1	1								1					1					
Spastic paraplegia	1	1														1				1	
Sclerosis of spinal cord	7	5	2										1			5	1				
Tumor of spinal cord	1	1														1					
64. Cerebral hemorrhage, apoplexy	291	157	134	30	36	14	15	12	21	13	24	11	12	2		75	26				
65. Softening of the brain	19	13	6	6	2	2	1	1	2	1			1			3					
66. Paralysis without specified cause	8	2	6		3						2	1	1			1					
Hemiplegia	14	5	9	1	1						1	2	2			2	5				
67. General paralysis of the insane	15	9	6	2	2		1	2	1	2						3	2				
68. Other forms of mental alienation	1	1														1					
69. Epilepsy	11	5	6		2			1	1		2	1				3	1				

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73. Neuralgia and neuritis																					
74. Other diseases of the nervous system																					
Cretinism	1	1														1					
Tumor of Brain	12	7	5		2					1	1	1				5	2			1	1
75. Diseases of the eyes and their adnexa																					
76. Diseases of the ears, (Otitis Media)	8	8						2								6				2	
III. Diseases of the Circulatory System.																					
77. Pericarditis	10	5	5	3			1		2	1						1	2			2	
78. Acute endocarditis	47	27	20	5		1	2	2	3	2		1	2			16	13			2	4
79. Organic diseases of the heart—																					
Valvular	448	264	184	66	58	19	29	19	18	37	38	15	10	2		106	31			16	4
Dilatation of	35	18	17	2	4	4	5	1	1	2		2	2			7	5			3	2
Endocarditis, chronic	105	70	35	11	8	8	4	2	4	6	6	6	2	1		36	11			1	2
Fatty heart	19	11	8	3	2				1	1	2					7	3			3	
Myocarditis, chronic	341	195	146	44	38	26	12	13	12	26	22	9	14	4	1	73	47			6	2
80. Angina pectoris	43	27	16	16	9	2		4	1	1	1	1	3	1		2	2				
81. Diseases of arteries, (atheroma, aneurism, etc.)—																					
Aneurism of aorta	19	16	3	4		2		2					1	1		7	2				
Arterio-Sclerosis	170	122	48	26	15	4	5	15	3	8	6	3	4			66	15			11	1
82. Embolism and thrombosis	9	5	4					1	2		1	2				2	1			1	
83. Diseases of veins (varices, hemorrhoids, phlebitis, etc.)	1		1										1								
84. Diseases of lymphatic system (lymphangitis, etc.)																					
85. Hemorrhage; other diseases of circulatory system, Adams—Stokes disease	2	2														2					
IV. Diseases of the Respiratory System.																					
86. Diseases of the nasal fossae																					
87. Diseases of the larnyx (abscess of)	1		1														1				
Laryngismus stridulus	2	1	1									1	1								
88. Diseases of the thyreoid body																					
89. Acute bronchitis	72	36	36	8	8	4	4	1	3	10	11	7	4			6	6			1	
90. Chronic bronchitis	54	28	26	6	9	3	6	1	1	4	3	3	4			11	3			1	1
91. Bronchopneumonia	225	125	100	31	35	20	5	10	5	27	25	4	5			33	25			1	1
92. Lobar pneumonia	400	274	126	50	34	26	17	19	10	35	26	11	5	3		130	34			17	1
93. Pleurisy	27	18	9	3	3	2	1	2			2					11	3			4	1

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst't'ns, hospitals, etc M.	Pub. Inst't'ns, hospitals, etc F.	Refugee Camps M.	Refugee Camps F.	Non Resident M.	Non Resident F.
94. Pulmonary congestion, pulmonary apoplexy	5	1	4	1	1		1		1		1										
Hypostatic pneumonia	8	5	3	1	1	1	1		1			1				2				1	
95. Gangrene of the lung	1		1				1														
96. Asthma																					
97. Pulmonary emphysema	5	3	2	2					1	1			1								
98. Other diseases of the respiratory system (tuberculosis excepted)																					
Abscess of Lung	2	1	1			1										1	1				
V. Diseases of the Digestive System.																					
99. Diseases of the mouth and adnexa—																					
(Abscess parotid gland)	1	1														1					
Dental Caries (Septicemia foll.)	1		1								1										
Sprue	1	1														1					
100. Diseases of the Pharnyx (Angina Ludovicci)	1	1														1					
(Angina-Vincent's)	2	1	1		1											1					
Abscess pharnyx (Septicemia foll.)	2	1	1	1													1				
Tonsilitis (Septicemia foll.)	2	2		2																	
101. Diseases of the oesophagus																					
102. Ulcer of the stomach	17	10	7	1			2		1	1	2			1		7	2			2	
103. Other diseases of stomach (cancer excepted)—																					
Gastritis	49	25	24	4	1	1	1	3		4	2	2	1			11	19				
104. Diarrhea and enteritis (under 2 years—																					
Cholera infantum	14	6	8		1	1	1		1	4	1		1			1	3				

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Diarrhea	12	9	3	4	2	2	1			2						1					
Enteritis	42	19	23	5	8		1		1	6	6		2			8	5				
Entero-colitis	7	6	1	1	1	1				1						1					
Gastro-enteritis	84	42	42	9	10	7	5	2	3	10	10	3	3			11	11			2	
Ileo-colitis	13	7	6				1	1		3	3	1				2	2				
105. Diarrhea and enteritis (2 years and over)—																					
Diarrhea	1	1														1					
Enteritis	4	1	3		2			1	1												
Entero. colitis	2	2	1									1					1				
Gastro-enteritis	16	9	7	4	3		2		1	1	1					4					
Ileo-colitis	2	1	1									1					1				
Duodenal ulcer	7	7								1		1				5				2	
106. Ankylostomiasis																					
107. Intestinal parasites																					
108. Appendicitis	70	43	27	3	2					1	2					39	23			4	4
(Operative sepsis)	9	6	3													6	3			1	
(Operative shock)	3	1	2								1					1	2				1
109. Hernias	16	9	7		1		2		1				1			9	2				
(Operative shock)	6	4	2							1						3	2			1	1
109a. Intestinal obstructions	32	13	19	1	2	1	2			4			1		1	13	7			1	
(Operative sepsis)	2	1	1													1	1				
(Operative shock)	7	3	4													3	4				1
Intussusception	4	2	2	1			1									1	1				
(Operative shock)	5	5														5				1	
Volvulus	3	1	2													1	2				
110. Other diseases of the intestines— (Ulcer duodenum)	3	3														3				1	
Fecal fistula	3	1	2		1											1	1				
Foreign body in rectum	1	1														1					
111. Acute yellow atrophy of the liver	2	1	1													1	1				
112. Hydatid tumor of the liver																					
113. Cirrhosis of the liver	184	132	52	31	7	22	4	9	4	12	10	7	5	1		50	22			11	2
114. Biliary calculi	17	6	11		1				1	1	1					5	8			1	2
115. Other diseases of the liver—																					
Abscess of	7	7		2				1		1						3					
Cholecystitis	11	8	3		1			1								7	2			4	
Hypertrophy of	1	1		1																	
Inflammation of	2	1	1		1											1					
Cholecystitis, (operative shock)	2	1	1													1	1				
Empyema gall bladder, (operative sepsis)	1	1														1					
116. Diseases of the spleen (tumor of)	1	1														1					
117. Simple peritonitis (nonpuerperal)	7	4	3	1		1			2							2	1				
118. Other diseases of digestive system (excepting cancer, tuberculosis)—																					
Pancreatitis	4	3	1	1												2	1			2	

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst-'t'ns, hospitals, etc M.	Pub. Inst-'t'ns, hospitals, etc F.	Refugee Camps M.	Refugee Camps F.	Non Resident M.	Non Resident F.
VI. Diseases of Genito-Urinary System.																					
119. Acute nephritis	56	35	31	4	2	1	2	1	3	4	1	2	1			23	12			3	1
120. Bright's disease	423	260	163	72	45	18	20	24	22	17	18	12	13			117	45			26	6
121. Chyluria																					
122. Other diseases of the kidneys and adnexa—																					
Hydronephrosis	2	1	1					1									1				
Tumor of	2		2														2				1
Pyelitis	4	4		1				1				1				1				1	
Pyelonephritis	11	8	3	2					1							6	2			3	
Pyonephrosis	2		2														2				1
Tumor of kidney	1	1		1																	
123. Calculi of the urinary passages	2	2														2					
124. Diseases of the bladder—																					
Cystitis, chronic	15	13	2					3	1	2			1			8				1	
Stricture of (operative shock)	2	2														2				1	
125. Diseases of the urethra, urinary abscess, etc.																					
126. Diseases of the prostate (abscess of)	1	1		1																	
Hypertrophy of	12	12		2				1				1				8				2	
127. Nonvenereal diseases of male genital Organs	1	1														1					
128. Uterine hemorrhage (nonpuerperal)																					
129. Uterine tumor (noncancerous)																					
Fibro-mvoma of	10		10		1		2		1		1						5				
(Operative shock)	11		11		1												10				3
130. Other diseases of the uterus (para metritis)	2		2														2				1
Amenorrhea	1		1										1								

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(Operative shock)	1		1															1				
132. Salpingitis and other diseases of female genital organs	12		12		1													11				1
(Operative sepsis)	3		3															3				1
(Operative shock)	2		2															2				
133. Nonpuerperal diseases of the breast (cancer excepted)																						
VII. The Puerperal State.																						
134. Accidents of pregnancy—																						
Abortion (natural)	2		2															2				1
Abortion (self-induced)	7		7		1													6				1
Abortion (homicide)	3		3		1						1							1				
Miscarriage	4		4				1		1		1							1				
Extra uterine pregnancy	1		1															1				
(Operative shock)	1		1															1				
Uncontrollable vomiting of	2		2										1					1				
135. Puerperal hemorrhage	1		1								1											
136. Other accidents of labor—																						
Cesarian section	3		3		1		1											1				
Rupture of uterus	1		1															1				
137. Puerperal septicaemia	26		26		3		3		1		3		1					15				4
138. Puerperal albuminuria and convulsions	9		9		1		1		1									6				
139. Puerperal phlegmasia alba dolens, embolus, sudden death	3		3								2							1				1
140. Following childbirth (exhaustion)	1		1								1											
141. Puerperal diseases of the breast																						
VIII. Diseases of the Skin.																						
142. Gangrene, (septic)	2	1	1														1	1				
143. Furuncle	7	5	2	1													4	2				
Carbuncle (septicemia foll.)	2	2															2					
144. Acute abscess—																						
Of frontal sinus (septicemia foll.)	1	1															1					
Of hip	1		1															1				
Mediastinal (septicemia foll.)	1	1															1					
Of neck (septicemia foll.)	1	1															1					
Multiple (septicem. foll.)	1	1															1					

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst-'t'ns, hospitals, etc M.	Pub. Inst-'t'ns, hospitals, etc F.	Refugee Camps M.	Refugee Camps F	Non Resident M.	Non Resident F.
Phlegmon Breast (septicemia foll.)	1	1														1					
Phlegmon thigh	1		1														1				
145. Other diseases of the skin and adnexa																1					
Eczema	1	1																			
Ulcer leg (operative shock)	1	1														1					
Pemphigus	2	1	1													1	1				
IX. Diseases of the Bones.																					
146. Diseases of the bones (tuberculosis excepted)—																					
Mastoid abscess, (septic. foll.)	1	1														1					
Mastoiditis	2		2														2				1
Osteomyelitis	3	2	1													2	1				
147. Diseases of the joints (excepting tuberculosis and rheumatism), synoritis of knee	1	1														1				1	
148. Amputations																					
149. Other diseases of the organs of locomotion																					
Dislocation hip, (op. shock)	1		1		1												1				1
X. Malformations.																					
150a. Hydrocephalus	3	2	1				1				1					1					
150b. Congenital malformation of heart	31	17	14	5	2	2	2	1	2	5	2	1	1			3	5				
150c. Other congenital malformations—																					
Cleft palate	2	2								1						1					
Hare lip	1		1														1			1	

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Spina bifida	2	1	1													1	1				
XI. Diseases of Early Infancy.																					
151a. Premature birth	128	62	66	10	14	11	11	6	2	10	12	7	3			18	22				
151b. Congenital debility, "atrophy," "marasmus," etc.	37	19	18	7	2	5	2	1	2	3	4	2				1	8				
Atelectasis, congenital	25	16	9	3	3	4				2	4	1				6	2				
Icterus neonatorum	4	2	2		1			1		1	1										
152. Other diseases peculiar to early infancy—																					
Asphyxia neonatorum	5	2	3			1		1			1						2				
Compression of cord	8	5	3	4	1				1		1					1					
Hemorrhagica neonatorum	5	2	3	1		1					1						2				
Asphyxia while nursing	3	1	2		1								1			1					
Melena neonatorum	4	2	2		1	1		1	1												
Cesarian operation	3	1	2				1									1	1				
Application forceps	14	9	5	1	1	3	1			3	2					2	1				
Difficult labor	1	1		1																	
153. Lack of care (exposure)	2	1	1	1	1																
XII. Old Age.																					
154. Senility	96	43	53	15	15	6	6	4	8	6	13	6	1			6	10			2	
XIII. Affections Produced by External Causes.																					
155. Suicide by Poison—																					
Bi-chloride mercury	3	1	2							1							2				
Carbolic acid	5	2	3	1	1											1	2				
Chloroform	2	2		1		1															
Cyanide potassium	11	10	1	2		4		1						2		1	1				
Hydrocyanic acid	2	2		1												1					
Iodine	1		1														1				
Lysol	1		1						1												
Morphine	2	2		1												1					
Phenol	1	1												1							
Strychnine	3	3												1		1					
156. Suicide by asphyxia (illuminating gas)	51	38	13	11	5	13	1	2	2	5	2	2	1	1		4	2				
157. Suicide by hanging or strangulation	16	15	1	3		2		3		3		1	1	1		2					
158. Suicide by drowning	4	3	1											3	1						
159. Suicide by firearms	82	77	6	27	2	7		4	1	2		7		9		21	3				

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst't'ns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
160. Suicide by cutting or piercing instruments	15	13	2	2	1	4			1							7				1	
161. Suicide by jumping from a high place																					
From building	3	2	1							1						1	1				
From window	3	3														3					
From bridge of steamer	1	1												1							
162. Suicide by crushing (electric car)	1	1						1													
163. Other suicides—																					
164. Poisoning by food																					
Cucumbers	2	1	1													1	1				
Chicken	1		1										1								
Fish	1	1														1					
Shell fish	2		2														2				2
Mushrooms	2	1	1													1	1				
Ptomaine (unqualified)	3	1	2	1	1												1				
165. Other acute poisonings—																					
Arsenic (accidentally self ad.)	1		1														1				
Bi-chloride mercury (self ad.)	1		1														1				
Chloral hydrate (self ad.)	1	1										1									
Chloroform (self administered)	2		2						1		1										
Cyanide potassium (self ad.)	2	1	1	1													1				
Morphine (self admin.)	8	1	2	1													2			1	
Muriatic acid (self admin.)	1		1														1				
166. Conflagration—	5	1	4						2		1	1					1			1	
167. Burns (conflagration excepted)—																					
Playing with matches	1		1														1				
From bonfire	1		1				1														
Open stove	2		2														2				
Steam radiator	1		1														1				
Overturned oil heater	1	1					1					1									

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Boiling water (immersion)	2	2																			
Manner unknown	2	1	1									1					1				
168. Absorption of deleterious gases (conflagration excepted)—																					
Illuminating gas (accidental)	42	37	5	15		7		2	1	3	2	1	1	3		6	1				
Asphyxia (by smoke)	2	1	1									1	1								
Chloroform anesthesia	1	2		1												1					
Ether anesthesia	3	1	2		1											1	1				
In overheated bath-room	1	1								1											
169. Accidental drowning (in bay)	49	48	1							1				47	1						
In well	1	1								1											
170. Traumatism by firearms																					
Accid. self-inflicted	1		1		1																
Accid. from air gun	1	1														1					
Hunting accident	2	2				1										1					
In shooting gallery	1	1														1					
171. Traumatism by cutting or piercing instruments	1	1														1					
172. Traumatism by fall—																					
From baby carriage	1	1								1											
Into basement	2	2				1										1					
Over balustrade	1	1														1					
From bed	1	1								1											
From building	5	5		1		1		1								2					
From chair	2		2														2				
Down elevator shaft	2	1	1	1													1				
Into excavation	1	1														1					
From fence	1	1														1					
On floor	10	7	3	1			1	1			1					5	1				
Down light well	1	1												1							
From loft	2	2														2					
From parapet	1	1														1				1	
On pavement	5	5														5					
From porch	3	2	1													2	1			1	
From scaffold	7	7												1		6				2	
From shed	1		1				1														
Into hold of ship	1	1												1							
From rail of ship	1	1														1					
From rigging of ship	2	2				1								1							
Down stairs	5	2	3		1		1		1							1	1				
Into tank	1	1														1				1	
From trestle	1	1														1					
From windmill	1	1														1					
From window	9	6	3			1				1						4	3				

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District		2nd District		3rd District		4th District		5th District		En route to Hospital		Pub. Inst'tns, hospitals, etc		Refugee Camps		Non Resident	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	M.	F.
172a. Crushed by elevators	7	6	1	1	1	1										4					
173. Traumatism in mines and quarries																					
174. Traumatism by machines																					
Crushed in fly-wheel	2	2														2					
Crushed on revolving shaft	3	3										1				2					
Struck by sounding rod	1	1														1					
175a. Railroad accidents and injuries—																					
Collision of trains	1	1														1				1	
Crushed between cars	1	4				1															
Fall from train	1	1								1											
Fall from flat-car	1	1														1					
Run over by train	8	8		1		1				1						5				3	
Struck by locomotive	8	8				1								2		5				4	
175b. Street car accidents and injuries—																					
Crushed bet. electric cars	1	1														1					
Crushed bet. elec. car and pole	1	1														1					
Fall from electric car	6	4	2					1								3	2			1	
Run over by electric car	6	6				2										4					
Struck by electric car	15	14	1							1	1					13					
Collision electric cars	2	2								1						1					
175c. Automobile accidents and injuries—																					
Hurled from auto	4	3	1											1		2	1				
Run over by auto	1	1														1					
Struck by auto	6	4	2													4	2				
Collision auto and elec. car	1		1																		
Collision auto and wagon	1	1																			
175d. Injuries by other vehicles—																					
Fall from wagon	1	1														1					
Run over by wagon	7	6	1	1			1									5				1	

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By caving earth	2	2										1									
Rolling log	1	1														1					
Iron pipe	1	1														1					
By falling load of cement	1	1														1					
By steam roller	1	1														1					
By falling timber	1	1														1					
Between wagon and door	1	1		1																	
176. Injuries by animals—																					
Struck by runaway horse	2	1	1		1											1					
Kicked by horse	3	3		1						1						1					
177. Starvation																					
178. Excessive cold																					
179. Effects of heat	1	1		1																	
180. Lightning																					
181. Electricity (lightning excepted)	3	3		3																	
182. Homicide by firearms	35	30	5	7					4					3		20	1				
183. Homicide by cutting or piercing instruments	4	2	2		1			1								1	1			1	
184. Homicide by other means, (blows)	3	2	1	1												1	1				
In fist fight	2	2				1								1							
By illuminating gas	1		1																		
Thrown down stairs	1	1														1					
Strangulation (infanticide)	1		1		1																
185. Fractures																					
Skull (by falling boom)	2	2														2					
Skull (by capstan bar)	1	1						1													
Skull (by flying steel)	1	1														1					
Skull (manner unknown)	2	2														2					
186. Other injuries—																					
Rupture liver (struck by coal bucket)	1	1														1					
Hemorrhage brain (struck by lump coal)	1	1														1					
Hemorrhage brain (struck by baseball)	1	1							1												
Traumatic meningitis (struck by tennis ball)	1		1		1																
Traumatic pneumonia (injury fist fight)	1	1														1					
Internal injuries (struck by iron bar)	1	1														1				1	

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TABLE NO. III—Continued

REPORTS OF DEATHS REGISTERED DURING FISCAL YEAR ENDING JUNE 30, 1912.

Causes of Death (International Classification)	Grand Totals	Males	Females	Place of Death: 1st District M.	1st District F.	2nd District M.	2nd District F.	3rd District M.	3rd District F.	4th District M.	4th District F.	5th District M.	5th District F.	En route to Hospital M.	En route to Hospital F.	Pub. Inst-t'ns, hospitals, etc M.	Pub. Inst-t'ns, hospitals, etc F.	Refugee Camps M.	Refugee Camps F.	Non Resident M.	Non Resident F.
Perforation intestines (manner unknown)	1	1														1				1	
Rupture intestines (struck by truck handle)	1	1		1																	
186a. Suffocation—																					
By aspiration of food	2	2		1		1															
By aspiration foreign substance	2	2		1		1															
XIV. Ill-Defined Organic Disease.																					
187. Ill-defined organic disease																					
Inanition marasmus (over 8 months)	7	4	3		1	1				3							2				
188. Sudden death																					
189a. Cause of death ill-defined																					
189b. Cause of death not specified, or unknown																					

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Location	Grand Totals	Males	Females	1911 July M.	July F.	Aug. M.	Aug. F.	Sept. M.	Sept. F.	Oct. M.	Oct. F.	Nov. M.	Nov. F.	Dec. M.	Dec. F.	1912. Jan. M.	Jan. F.	Feb. M.	Feb. F.	Mar. M.	Mar. F.	Apr. M.	Apr. F.	May M.	May F.	June M.	June F.
Total Deaths From All Causes	6766	4185	2581	264	163	303	166	319	200	342	199	383	212	425	266	418	231	377	237	368	283	342	210	328	208	316	206
Sanitary Districts.																											
First District	1463	858	605	47	47	62	37	59	36	65	52	91	45	98	51	80	56	81	54	83	79	71	56	63	51	58	41
Second District	629	373	256	27	13	34	13	21	21	32	14	33	28	41	35	43	22	23	24	39	24	28	24	27	20	25	18
Third District	457	239	218	18	20	23	12	15	11	17	15	16	16	28	22	24	53	27	27	15	24	23	12	15	17	18	19
Fourth District	866	450	416	31	19	34	28	35	30	34	30	45	29	45	47	48	37	44	44	37	50	30	36	38	34	29	34
Fifth District	369	196	173	8	9	10	10	17	14	19	15	9	14	20	12	13	23	19	9	22	24	21	15	16	17	22	11
Total	3784	2116	1668	131	108	163	100	147	112	167	126	194	132	232	167	208	159	194	158	196	201	173	143	159	139	152	123
Hospitals and Institutions Under Control of Board of Health																											
City and County Hospital	716	595	141	44	12	48	6	48	13	40	13	54	17	56	17	56	16	52	12	51	10	42	7	38	7	46	13
Relief Home Aged and Infirm	162	119	43	6	1	8	6	10	....	4	2	11	8	11	6	6	4	10	1	10	4	9	3	15	4	9	4
Central Emergency Hospital	144	114	30	4	1	8	1	11	1	13	5	12	....	13	5	11	1	11	3	9	1	7	3	8	5	7	4
Harbor Emergency Hospital	25	24	1	2	....	....	....	1	....	....	....	2	1	3	....	3	....	3	....	....	....	3	....	6	....	1	....
Mission Emergency Hospital	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Potrero Emergency Hospital	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
Park Emergency Hospital	4	3	1	....	....	....	....	....	....	2	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
Smallpox Hospital	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Leper Hospital	1	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Isolation Hospital	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	2	....
Jails and Prisons	5	5	....	....	....	....	....	....	....	....	....	1	....	1	....	2	....	....	....	....	....	....	....	....	....	....	....
Totals	1061	844	217	56	14	65	13	70	14	69	21	80	24	84	28	79	21	77	16	70	15	62	13	67	17	65	21
Other Hospitals, Sanatoria Homes and Asylumns.																											
Adler Sanatorium	38	23	15	3	1	1	....	1	1	3	....	3	....	2	1	3	2	2	4	2	3	....	1	3	2	....	....
Alexander Maternity Hospital	6	3	3	....	....	....	1	2	....	....	....	1	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....
	1	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....

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TABLE No. 4—Continued.

DEATHS BY SANITARY DISTRICTS, PUBLIC INSTITUTIONS, HOSPITALS, ETC., ARRANGED ACCORDING TO MONTHS—FISCAL YEAR ENDING JUNE 30, 1912.

Location	Grand Totals	Males	Females	1911												1912											
				July		Aug.		Sept.		Oct.		Nov.		Dec.		Jan.		Feb.		Mar.		Apr.		May		June	
				M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Baby's Aid Society	1		1																								
Bellevue Sanatorium	1		1										1														
Bering's Sanatorium	3	2	1						1												1						
Buena Vista Sanatorium	29	22	7	2		3	1	2		1	1	1	1	3	1	1	2	3				3	2	1	1	4	
Children's Hospital	67	34	33	3	2	1			2	2	3	5	3	1	1	3	3	4	4	3	2	3	2	3	2	4	3
Florence Crittenden Home	2	1	1													1	1										
French Hospital	131	90	41	5	1	4	3	9	5	4	5	11	4	8	2	10	5	7	1	6	1	10	6	9	2	7	5
German Hospital	202	136	66	9	3	4	6	12	9	14	6	13	2	8	11	13	1	10	2	12	7	18	6	15	6	8	7
Hahnemann Hospital	51	35	16	2	3		1	4		4	1	5	1	5	1	2		3	3	2	1	4	1	3	1	1	3
Hebrew Home Aged Disabled	5	5												1		2									1		1
Home for Aged (Little Sisters of Poor)	43	16	29	1	3	1	1	1	2	1			4	1	3	4	2		2		4	3	2	4	4		
Home for Incurables	11	5	6		1	1			2						2					1		1	1				1
Infants' Shelter	1	1						1																			
Irving Sanatorium	7	3	4	1							1			1	1	1			1								1
Ladies Protestant Relief Society	1		1															1									
Lane Hospital	154	96	58	8	4	2	5	11	2	7	4	7	4	7	8	18	4	6	3	9	9	6	4	6	4	9	
Lying-In Hospital	1		1						1																		
Mary's Help Hospital	1		1																								1
McNutt Hospital	53	23	30	2	1	5	5		3	2	1	1	3	2	2	1	1		3	2	2	3	4	1	3	4	2
Morton Sanatorium	18	8	10	1	1			1	2			2		1			1	1	3	1	1			1			2
Mount St. Joseph Infant Asylum	96	40	56	3	1	4	5	5	9	4	7	1	2		3	1		5	8	6	9	3	2	2	1	6	2
Mount Zion Hospital	44	34	10	2		3	1	2		6		1	2	3	1	2		6	1	3	1		1	2	1	4	2
North Western Hospital	3	3								3																	
Nursery Homeless Children	1		1																1								1
Old Ladies' Home (Prot. Ep.)	2		2																1								1
Old Ladies' Home (Lick)	3		3		1				1				1								1		1				
Old People's Home	12	5	7		1		1				1	2		1	1		1						1			2	1
Pacific Hebrew Home	2		2								1										1						
Protestant Orphan Asylum	1		1								1																
Robinson Sanatorium	2	1	1												1	1											

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[illegible] Hospital	104	71	33	3	3	2	3	11	3	8	2	6	6	6	3	4	3	11	2	4	2	8	3	2	3	4	2
St. Mary's Hospital	129	75	54	6	6	4		4	7	2	4	10	4	12	3	4	7	5	4	4	8	6	5	11	4	6	2
St. Thomas Hospital	7	5	2	1		2	1	1	1													1					
St. Winifred Hospital	20	9	11				2	2	1	2	1		1	1	1	2	1	2	1				1		2	1	
Southern Pacific R. R. Hospital	62	62		2		5		5		6		3		6		6		5		8		7		5		4	
Thomas Sanatorium	16	7	9					1	1		1					3	1			2		1	1		4		1
Trinity Hospital	50	36	14	1	1	4	3	5		4	1	2	2	4	3	3	2	2	1	1	1	3		4		3	
University of California Hospital	45	23	22	1	1	1	2	1	1	1	2	7	3	2	5			4	4	1		2	1	2	2	1	1
Union Iron Works Hospital	2	2														1				1							
Wakefield Sanatorium	3	2	1								1	1														1	
Florence N. Ward Hospital	15	3	12		1				1						1		2		3			2	2	1		1	2
Totals	1699	1025	674	63	40	63	48	88	68	89	53	98	54	87	70	106	48	87	62	83	67	94	53	83	49	84	62
United States Institutions.																											
U. S. Marine Hospital	32	32		1		3		2		2		3		7		2		2		2		4		1		3	
Letterman General Hospital (Army)	47	44	3	5		1	1	3		3		3		5		7	1	4		4		3		3	1	3	
Presidio Reservation	7	5	2				1	1								1	1	1		1		1					
Alcatraz Island	1	1		1																							
Angel Island	1		1						1																		
Yerba Buena Island (Naval Station)	3	3																1				2					
Total	91	85	6	7		4	2	6	1	5		6		12		10	2	8		7		10		4	1	6	
En Route to Hospital	52	44	8	3	1	6	1	4	4	4		1	1	3	1	1		8		6		2	1	4		4	
Bay of San Francisco	44	44		4		1		3		4		2		4		11		6		1		3		3		2	
Pacific Ocean	4	2	2								1	1													1	1	
On vessels etc. in bay	20	16	4			1	2	1				2		2	1	2	1	2		2				3	1		
Golden Gate and other Parks	11	9	2							1	1	1		1				1		2				3		1	
Total	131	115	16	7	1	8	3	8	4	9	2	7	1	10	2	14	1	17		11		5	1	13	2	8	

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TABLE No. V.

NATIVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—FISCAL YEAR ENDING JUNE 30, 1912.

	GRAND TOTALS	1911.						1912.					
		July	August	Sept.	October	November	December	January	February	March	April	May	June
Total Deaths during year	6766	427	469	519	541	595	691	649	614	651	552	536	522
NATIVITIES													
San Francisco	1034	85	55	84	83	77	103	95	110	115	85	61	81
Other Parts of California	1110	57	74	89	125	96	104	99	106	110	82	81	87
Other States and Territories.													
Alabama	2	1		1									
Alaska Territory	2	1						1					
Arizona	4							1					
Arkansas	8		1	1	2			2				1	1
Colorado	8				2			1	1	1	1	2	
Connecticut	21	2	3		1	3	1	1	3	2		3	2
Delaware	5		1	1	1					1	1		
District of Columbia	5				1		1			2		1	
Florida	2			1									1
Georgia	5	1				2	2						
Hawaiian Territory	10	2	2		1	2		1	1			1	
Idaho	2								1		1		
Illinois	86	6	8	7	9	6	7	5	3	7	9	10	9
Indiana	33	3	4	2	2	3	1	3		2	3	5	5
Indian Territory													
Iowa	40	2	3	3	2	2	4	4	7	3	3	3	4
Kansas	20	1	4	1	2		3	1	3		1	1	3
Kentucky	23	1	1	2	1	5	5	3	2	2	2	5	
Louisiana	20	1	4	1	2		3	1	3		1	1	3
Maine	63	1	1	2	1	5	5	3	2	2	2	5	
Maryland	24	2		4		3		2	2	2	3	4	2
Massachusetts	150	8	11	13	9	11	17	19	18	11	12	7	14
Michigan	28	3	2	3	4	1	3	1	1	2	3	2	3
Minnesota	16		1		2	1	1	1	1	3	4	1	1
Mississippi	3							1	2			2	
Missouri	62	6		6	2	5	7	9	4	6	8	5	4
Montana	3						2			1			
Nebraska	4	1				1	2						
Nevada	23		2	1		3	3	2	3	3		4	2
New Hampshire	19	1	2			1	7	2		1	1	2	2
New Jersey	26	1	1	2	1	3	7	3	2	4	4	2	2
New Mexico													
New York	269	17	11	12	24	28	32	33	30	25	15	20	22
North Carolina	9	1			1	1	1	1	1		1	1	1
North Dakota	2		1									1	
Ohio	95	2	9	5	9	5	6	14	7	9	8	11	10
Oklahoma	1							1					
Oregon	22	1	1	2	3	2	3	1	4	1		2	2
Pennsylvania	101	9	9	10		12	5	10	7	14	7	7	11
Rhode Island	14	1			2	1	1	1		5		1	2
South Carolina	8	1	1				1		1	1	1		2
South Dakota	1						1						
Tennessee	18	1	3	1	2	1	2	2		2	1	1	2
Texas	13		1	2	2	2	1	1		1	1	1	1
Utah	9		1	2		1	1		2		1	1	
Vermont	12		2	2	3	1			1	1	1	1	
Virginia	20	1	2	4	3	2	3		1		1	2	1
Washington	14	1	2	2	2		1	1	3	1			1
West Virginia	4	1					1					1	1
Wisconsin	31	2	2	5	3	2	4		3	2	5	1	2
Wyoming													
Totals	1363	84	97	98	103	113	140	136	120	129	109	117	117

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TABLE No. V—Continued.

'IVITIES OF DECEDENTS ARRANGED ACCORDING TO MONTHS—
FISCAL YEAR ENDING JUNE 30, 1912.

	Grand Totals	1911.						1912.					
		July	August	Sept.	October	November	December	January	February	March	April	May	June
Foreign Countries													
'ia	71	5	3	8	5	8	4	6	9	8	5	5	5
'alia	17	2	1	3		1	3	1		1	1	2	2
um	8	2					2			1	1		2
h Columbia	1				1								
ia	97	4	7	9	6	14	8	9	10	12	3	7	8
al America	1						1						
	222	9	20	18	15	21	25	21	22	23	18	17	13
	1									1			
ark	49	5	4	2	2	2	4	8	4	3	4	7	4
nd	211	12	14	20	11	21	25	24	17	20	11	17	19
nd	18	1	2	3	1		3	1	3	2		2	
e	143	11	12	13	11	11	21	11	7	10	10	18	0
any	610	40	51	38	34	55	59	57	55	57	66	53	45
e	33	2	2	6	2	1	3	1	5	5		3	1
nd	7	1	1	1	2							1	1
ary	6	1	1		1	1	1		1				
	3	2					1						
d	829	55	64	50	59	84	88	81	69	68	77	66	59
of Man	3						1					1	1
	208	13	15	12	18	15	21	23	17	18	21	25	10
	39	4	3	5	1	6	6	3	2	2	3	2	2
o	56	3	4	8	5	4	3	5	2	6	4	7	5
Brunswick	12	2	2	1			1	1	1	1			3
undland	1							1					
Zealand	4			1			2			1			
y	41	5	3	4	5	2	4	3	2	7	3	1	2
Scotia	24	1	3	4	2	2	2	5	1	1	2	1	
pines	5			1	1		1			2			
Rico	5			2	1	1		1					
ral	12		2	3		2			2	2	1		
nia	5	1								1			3
	72	4	2	5	9	6	6	6	6	7	7	6	8
nd	64	2	4	3	6	8	10	7	7	4	5		8
America	14				1	1	2	2	4	1		3	
	25	1			4	2	6	2	1		4	2	3
	84	6	10	3	4	7	7	10	9	2	11	6	9
rland	47	2	5	1	5	7	1	5	3	6	6	4	2
	1		1										
	10			2			2	1	1	1		2	1
	12			1		4	2	1	1	2			1
Indies	9			2	1	1	1	1		1		1	1
otals	3075	196	236	238	213	287	328	297	261	276	261	257	225
	1						1						
en	183	5	7	10	17	22	15	22	17	21	15	16	12

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REPORTS OF INTERMENT, CREMATION AND SHIPPING PERMITS ISSUED DURING FISCAL YEAR 1911-12.

TO	1911						1912						TOTALS
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	
San Francisco Cemeteries													
Calvary Receiving Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
I. O. O. F. Rec. Vault	0	0	0	1	0	0	0	0	0	1	0	0	2
I. O. O. F. (For Cremation)	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Vault	1	0	1	1	2	0	2	1	0	1	0	0	9
Masonic Vault	0	0	0	0	0	0	0	0	0	0	0	0	0
National Presidio	9	15	10	12	6	18	16	12	11	10	10	17	146
U. S. Marine Hospital	0	1	1	1	2	1	0	0	1	0	0	1	8
Yerba Buena Island	0	0	0	1	0	0	0	0	0	0	0	0	1
San Mateo County Cemeteries													
Cypress Lawn (For Cremation)	42	41	39	52	57	46	68	75	74	56	68	45	660
Cypress Lawn (Interments)	100	92	86	98	112	115	111	93	109	84	70	93	1157
Eternal Home	1	3	0	2	6	7	2	0	4	1	1	1	28
Green Lawn	1	6	8	3	6	9	11	4	4	8	6	6	72
Hills of Eternity	6	3	9	6	1	5	12	11	17	10	6	9	95
Holy Cross	147	166	191	208	192	230	187	202	201	171	165	161	2221
Home of Peace	6	4	5	3	8	3	11	6	8	6	7	5	72
Italian	25	22	30	36	42	47	41	38	49	39	28	19	416
Japanese	0	1	1	0	1	1	2	3	0	1	0	0	10
Mt. Olivet	59	56	63	81	72	92	78	68	90	85	68	72	884
Salem	12	7	12	9	9	10	12	11	17	11	6	22	138
San Mateo—Indigent	0	0	0	0	0	0	0	0	0	0	0	0	0
San Mateo—Chinese	11	17	18	22	28	26	29	18	17	14	17	17	234
Servian	1	0	2	0	1	2	1	3	5	0	1	0	16
Sunset—Indigent	45	46	50	45	55	64	50	52	52	45	60	38	602
Woodlawn	4	6	2	8	11	15	14	6	5	6	7	10	94
Medical Colleges	2	7	9	9	8	10	3	5	8	7	3	1	72
Outside Points	69	72	75	52	65	69	98	75	89	74	89	83	910
Total	541	565	603	650	684	770	748	683	761	630	612	600	7847
No. of Indigent Dead Interred	52	67	71	76	66	73	70	73	79	62	70	70	829

FRANK J. STANTON, Mortuary Clerk.

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	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April	May	June	Totals
DISINTERMENTS FROM.													
Calvary Cemetery	46	42	29	48	37	47	24	38	37	34	43	52	477
City Cemetery	0	7	0	8	12	3	1	2	0	3	6	6	48
I. O. O. F. Cemetery (Bodies)	7	20	17	13	5	14	9	10	25	6	23	30	179
I. O. O. F. Cemetery (Ashes)	37	7	8	8	8	1	5	5	8	3	2	2	94
Laurel Hill Cemetery	3	7	12	12	7	2	10	12	2	6	13	10	96
Masonic Cemetery	19	20	19	4	23	1	3	5	38	4	81	142	359
Mission Dolores Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National (Presidio) Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
U. S. Marine Hospital Cem.	1	0	0	0	0	0	0	0	0	0	0	0	1
Cooper Medical College	0	0	0	10	0	0	9	0	0	0	0	0	19
Total	113	103	85	103	92	68	61	72	110	56	168	242	1273
REMOVALS TO													
Cypress Lawn Cemetery	23	20	5	5	18	5	8	16	17	4	38	76	235
Eternal Home Cemetery	0	1	0	0	1	0	0	0	0	0	0	0	2
Green Lawn Cemetery	2	3	2	8	0	7	14	0	10	2	7	6	61
Hills of Eternity Cemetery	40	0	0	0	0	0	0	1	0	0	0	0	41
Holy Cross Cemetery	0	39	34	40	33	50	24	40	36	33	42	53	424
Home of Peace Cemetery	0	1	0	0	1	0	0	0	0	0	0	0	2
Italian Cemetery	0	5	1	3	9	2	1	2	0	2	0	0	25
Japanese Cemetery	0	1	0	0	0	0	0	0	0	0	0	0	1
Mt. Olivet Cemetery	2	7	12	3	1	1	0	1	6	9	13	14	69
Salem Cemetery	1	0	0	0	0	0	0	0	0	0	0	0	2
San Mateo (Chinese) Cemetery	0	0	0	0	0	0	0	0	0	0	0	3	3
Sunset Cemetery	0	0	0	0	0	0	0	0	0	0	0	0	0
National, S. F. Cemetery	2	0	1	0	2	0	0	0	0	0	3	0	8
Woodlawn Cemetery	9	5	8	10	10	0	0	1	27	0	54	71	195
I. O. O. F. Crematory	0	0	0	0	0	0	0	0	0	0	0	0	0
Laurel Hill Cemetery (Ashes)	2	1	2	0	0	0	0	0	0	0	1	0	7
Masonic Cemetery (Ashes)	0	0	0	0	0	0	2	0	0	1	0	0	3
To Homes (Incinerated Ashes)	18	2	3	4	2	0	0	0	0	2	0	0	31
Cal. Interior (Bodies)	8	15	12	26	12	2	9	8	11	3	7	19	132
Cal. Interior (Ashes)	2	1	4	3	0	0	2	1	2	0	1	0	16
Other States	2	2	1	1	3	1	1	2	1	0	2	0	16
Total	113	103	85	103	92	68	61	72	110	56	168	242	1273
Fees collected	0	10 00	0	0	0	10 00	0	0	0	10 00	20 00	20 00	70 00

Respectfully submitted
LAURENCE WALSH,
Disinterment Inspector

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Law Library

San Francisco, Cal., July 1st, 1912.

Hon. James Rolph, Jr.,
Mayor of the City and County of San Francisco.

Sir:—The librarian and secretary of the San Francisco Law Library Association presents herewith his report for the fiscal year ending June 30th, 1912:

The year just closing finds the library in a prosperous condition. In current publications the library has kept well up. Probably the most important accessions of the year are the Supreme Court Records numbering over four hundred volumes. This set of records was purchased from E. C. Farnsworth, of Visalia, and contains the records of over four thousand cases.

Twenty-four hundred and ninety-six volumes were added during the year, making a total of twenty-six thousand one hundred and fifty volumes on the shelves. This is a slight falling off compared with the number of volumes added during the previous year.

Of the volumes added forty-five were donated, one hundred and sixty-three were volumes of Supreme Court Records bound, eighty-two were records of the District Court of Appeals bound, and the remainder were published.

The donors were: C. H. Huberich, T. A. Perkins, J. L. Crittenden, F. C. Drew, Secretary of the State of California, Secretary of the State of Nevada, Public Service Commission of New York, Public Printer of New Zealand, Attorney General of New South Wales, Secretaries of the various departments at Washington.

Particular attention is called to the donation by Mr. F. C. Drew, of the firm of Metson & Drew. It consists of a set of records of the United States Circuit Court of Appeal, printed before the fire. This is a very valuable donation, and, but for Mr. Drew's generosity, it would have been impossible to obtain these records.

The character of the books added is as follows:

Reports	344
Textbooks	513
Digests and Indexes	48
Statutes	215
Periodicals	321
Encyclopedias and Dictionaries	45
Directories	25
Collected Cases	40
Trials	13
Citations	28
Scotch, Irish and Australian publications	11
Other foreign publications	201
Supreme Court Records	564
District Court of Appeal Records	82
Governmental publications	30
General Literary Works	16
Total	2,496

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More particularly classified the accessions were:

American Reports	291
American Textbooks	335
American Digests and Indexes	48
American Statutes	144
American Legal Periodicals	156
English Reports	30
English Textbooks	170
English Digests and Indexes	8
English Statutes	34
English Legal Periodicals	153
Canadian Reports	13
Canadian Textbooks	8
Canadian Digests	2
Canadian Statutes	37
Canadian Legal Periodicals	12
Australian publications	4
Scotch reports and publications	5
Irish publications	2
South African publications	2
French publications	165
Mexican and other foreign publications	34
Directories	25
Encyclopedias Legal	8
Encyclopedias Miscellaneous	29
Dictionaries	8
Citations	28
Collected Cases	40
Trials	13
Supreme Court Records	564
District Court Records	82
Governmental publications	30
General Literary Works	16
Total	2,496

The expenditures for the year were:

Books	$ 8,630.51
Insurance	439.25
Binding	318.37
Miscellaneous expenses	347.54
Salaries	2,900.00
Total	$12,635.67

The items of expense are as follows:

American Reports	$ 846.30
American Textbooks	1,119.71
American Digests and Indexes	349.90
American Statutes	614.00
American Legal Periodicals	495.55
English Reports	214.55
English Textbooks	799.40
English Digests and Indexes	6.00
English Statutes	188.10
Legal Periodicals	578.59
Canadian Reports, Digests and Periodicals	312.10

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Canadian Textbooks	55.00
Canadian Statutes	171.05
Australian Reports and Digests	92.90
Australian Statutes	3.15
Australian Legal Periodicals	33.50
Scotch and Irish Publications	76.50
Collected Cases	195.90
Trials	36.90
Citations	323.30
Dictionaries	61.85
Encyclopedias, Miscellaneous	152.25
Encyclopedias, Legal	56.80
Other foreign statutes and publications	559.00
Directories	118.85
General Literary Works	67.60
Supreme Court Records	1,032.65
Postage	17.95
Newspapers	44.30
Express, cartage and freight	183.25
Insurance	439.25
Binding	318.37
Miscellaneous expense	171.15
Salaries	2,900.00
Total	$12,635.67

The income for the past year was:

Dollar Tax	$14,869.00
Rebate on Ins. and Misc.	584.32
Total	$15,453.32

During the year there were lost from the membership of the library association by death the following:

CHARLES PAGE.
A. G. EELLS.
E. B. YOUNG.

Mr. Page has been a member of the Board of Trustees for many years. He was always greatly interested in the library, and his advice and judgment were a great aid in its rebuilding. Though always a very busy man he gave freely of his time for its needs. He will be greatly missed not only for the practical help he gave, but also for the lovable qualities which so endeared him to all who came in contact with him.

The library is deficient in some very important particulars. There is a constantly increasing demand for the Australian publications. The Session Laws of many of the States are in a very imperfect condition. We have practically none of the East Indian law publications. These sets are all large and expensive and will call for a large expenditure of funds. It is suggested, however, that they be obtained as soon as possible. These various publications increase in value as time passes, and it is regarded as advisable not to delay in acquiring them.

Bids have been received for these various sets and as soon as they are in proper shape will be submitted for the action of the Trustees.

Very respectfully,

JAMES H. DEERING,
Secretary and Librarian.

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District Attorney

San Francisco, Cal., 1912.

Hon. Jas. Rolph, Jr., Mayor City and County of San Francisco,
San Francisco, California.

Sir:—I have the honor to submit herewith the report of the District Attorney's office of this City and County for the fiscal year ending June 30, 1912.

Respectfully,

C. M. FICKERT,
District Attorney.

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INFORMATIONS AND INDICTMENTS FILED AND THE DISPOSITION THEREOF, DURING THE YEAR ENDING JUNE 30, 1912.

OFFENCES CHARGED	CONVICTED			Acquitted	DISMISSED						PENDING					Convicted and New Trial Granted	Total
	As Charged	Of lesser offense	Of Misdemeanor		No Evidence to Convict	Defts. sentenced on Other Charges	Defendants Dead	Own recognizance	Sent to Police Court	On Habeas Corpus	Defendants discharged on their Own Recognizance	Sentenced on Other Charges	Against Defts. Insane	Against Fugitives from Justice	For Trial June 30, 1911		
Arson	2	1															3
Abandonment and neglect of wife	3			3						1					10		17
Assault with a deadly weapon	13		8	4	4										2		31
Assault with intent to commit great bodily harm			1		1										2		4
Assault with intent to commit murder	4	11		6	15								1		7		44
Assault with intent to commit rape					1												1
Assault with intent to commit robbery	6	2	2	3											1		14
Attempt to commit burglary	9	2		1											3		15
Attempt to commit grand larceny	3														1		4
Bigamy					1												1
Burglary	60	56		6	3	1	2		2	2	1				15		148
Embezzlement	8			4	4										9		25
Failure to provide for minor child	19														11		30
Forgery	14			1										1	3		19
Grand larceny	43	4	13	9	7				1			1	1		16		95
Incest					1												1
Infamous crime against nature				1	1										2		4
Libel															1		1
Making and passing a fictitious check	10					2						1			3		16
Manslaughter	1			1	1										1		4
Mayhem			1	1													2
Murder	3	6		6	1										9		25
Obtaining money by false pretenses	3			1	3										6		13
Pandering	1																1
Perjury	1				1										2		4
Petit larceny (second offense)			3		1												4
Pimping	2			1											2		5
Practicing dentistry without license	5																5
Practicing medicine without license					4												4

Receiving stolen property	3														1		4
Resisting an officer					1												1
Robbery	14	14		8	1							2			3		42
Seduction under promise of marriage	1			1											1		3
Violating Section 46, Penal Code	1																1
" " 171-A "	3			1											1		5
" " 182 "															4		4
" " 222 "															1		1
" " 266-A "															1		1
" " 266-G "	1														1		2
" " 288 "	2	1		2											1		6
" " 337-A "	2																2
" " 367-C "														1			1
" " 523 "	1																1
" " 532 "					1												1
" " 596 "															1		1
" " 476-A "	13			3	1										1		19
Violating State poison law	1																1
Total	257	97	28	66	56	3	2		3	3	1	5	2	2	124		649

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CASES TRIED, DISPOSED OF AND PENDING DURING THE YEAR ENDING JUNE 30TH, 1912.

OFFENSES CHARGED	CONVICTED			Acquitted	DISMISSED						PENDING				Convicted and New Trial Granted	Total
	As Charged	Of lesser offense	Of Misdemeanor		No Evidence to Convict	Defts. Sentenced on Other Charges	Defendants Dead	Own recognizance	Sent to Police Court	On Habeas Corpus	Defendants discharged on their Own Recognizance	Against Defts. Sentenced on Other Charges	Against Defts. Insane	Against Fugitives from justice	For Trial June 30, 1911	
Abandonment and neglect of wife	3			4	1						1			1	10	20
Arson	3													1		4
Assault with intent to commit murder	5	10		7	16							2	1		7	48
Assault with a deadly weapon	12		10	4	4							3		5	2	40
Assault with intent to do great bodily harm	1		1		1										2	5
Assault with intent to commit rape											1					1
Assault with intent to commit robbery	4	2	3	2								2			1	14
Atempt to commit burglary	12	1		1											3	17
Attempt to commit grand larceny	3						1							1	1	6
Bigamy					1						1			1		3
Burglary				1	249										10	260
Conspiracy	71	52	2	6	4	2	1		1	1	5	15		4	15	179
Conspiracy against trade					1										3	4
Embezzlement															7	7
Failure to provide for a minor child	2			5	8						5			4	9	40
Felony under Section 68, Penal Code	17				3						11			2	11	44
" " " 137 "				1												1
" " " 153 "					1											1
" " " 154 "					1											1
" " " 171-A "				1												1
" " " 182 "	2			1											1	4
" " " 218 "															4	4
" " " 221 "					2											2
" " " 266-A "															1	1
" " " 266-D "															1	1
" " " 266-G "					1											1
" " " 286 "	2														1	3
" " " 288 "		1														1
" " " 290 "	2	1		1	1							1			1	
Total																

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" " " 337-A "	3				1											4
" " " 523 "	1											2				3
" " " 532 "					1											1
" " " 558 "	2				1							2				5
" " " 596 "															1	1
Forgery	15			1							1	4		4	3	28
Grand larceny	51	4	11	12	7				2	3	3	7	3	11	16	130
Incest					1											1
Infamous crime against nature	1			1	3									1	2	8
Kidnapping					1											1
Libel					1										1	2
Making and passing a fictitious check	25			4	1							6		3	4	43
Manslaughter	2			1	1										2	6
Mayhem				1												1
Misconduct in office					1											1
Murder	3	7		9	3								3	1	9	35
Obtaining money under false pretenses	3			1	6							1		1	7	19
Pandering	1															1
Perjury	1				2									1	3	7
Petit larceny (second offense)		3			1											4
Pimping	2				1										2	5
Practising dentistry without a license	6										1				2	9
Practicing medicine without a license					4											4
Rape	4			6	2							1		1	2	16
Receiving stolen property	4														2	6
Resisting an officer					1											1
Robbery	19	15		8	1							9		3	3	58
Seduction under promise of marriage	1				1										1	3
Subornation of perjury					2											2
Total	290	96	27	78	337	2	2		3	4	29	55	7	45	150	1125

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WRITS OF HABEAS CORPUS, POLICE COURTS APPEALS. INJUNCTIONS, HEALTH BOARD CASES, INHERITANCE TAX, ETC.

Handled during the year ending June 30th, 1912.

WRITS OF HABEAS CORPUS.

Writs pending June 30th, 1911	18
Writs issued during year ending June 30th, 1912	96
Writs granted	28
Writs denied	43
Writs dismissed	29
Writs withdrawn	1
Writs Pending	13
Total	114

CIVIL CASES AND INJUNCTIONS 62

INHERITANCE TAX.

The following is a list of the estates, actions and proceedings handled by Deputy Hartley F. Peart, which were brought to judgment or in which a tax was paid during the year ending June 30th, 1912:

Cases completed	271
Tax collected in above cases—paid to Treas.	$564,693.24

This list does not include any special proceedings taken in the name of the Treasurer in which the Court found that no tax was due, nor does it include proceedings or actions pending which have not as yet been tried, and in which the tax has not been paid.

POLICE COURT APPEALS.

Appeals pending June 30th, 1911	20
Appeals filed from July 1, 1911, to June 30, 1912	70
Appeals affirmed	32
Appeals reversed	41
Appeals dismissed	1
Appeals pending	16
Total	90

HEALTH BOARD CASES.

Number of arrests	308
Number of convictions	171
Number of dismissals	137
Total	616
Amount of fines collected	$3,355.00

Total number of arrests during the year ending June 30th, 1912 35,594

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Poundkeeper's Report

San Francisco, July 25, 1912.

Hon. James Rolph, Jr.,

Mayor of the City and County of San Francisco.

Dear Sir:—In compliance with Section 9, Article XVI, of the Charter of the City and County of San Francisco, we submit herewith the annual report of the office of the Public Pound, for the fiscal year ending June 30, 1912.

We are pleased to show by referring to the financial statement of this report a profit to the City from the operation of the Public Pound of $4,352.90 for the fiscal year.

Through strict enforcement of the pound ordinance, made possible this year by the employment of extra deputies and equipment, the amount of pound fees collected is in excess of last year, and the number of dog licenses issued is greater than that of any previous year.

Unlike many of the city departments where fees are collected, the excess of receipts over the cost to the City for operating the Public Pound may be said to be due to the efficiency of the office, since no one is obliged to pay fees to this department until business is brought in through its efforts. Likewise, without a dog pound there would be little revenue from the dog license department, the collections of which this year amounted to $10,059.50. During the year 4,133 cats were brought to the Pound and destroyed without cost to the City.

SUMMARIZED STATEMENT.

Dogs on hand July 1st, 1911		117
Impounded during the year		9,498
Redeemed	1,829	
Sold	279	
Destroyed	7,369	
On hand June 30th, 1912	138	
	9,615	9,615

LARGE STOCK.

Impounded		162
Redeemed	139	
Sold	2	
Destroyed	21	
	162	162

SMALL STOCK.

Impounded		151
Redeemed	136	
Sold	10	
Destroyed	5	
	151	151

A total of 4,133 cats were brought to the Pound and destroyed during the year without expense to the City.

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CASH STATEMENT.

Received for dogs redeemed	$ 3,870.90
Received for dogs sold	837.00
Received for large stock redeemed	453.00
Received for large stock sold	53.50
Received for small stock redeemed	219.50
Received for small stock sold	11.50
	$5,445.40

All of the above cash was paid into the City Treasurer, as per receipts attached to monthly reports on file in the Board of Supervisors' and Auditor's offices.

The City received from the Public Pound in fees	$ 5.445.40
The City received for 4,927 dog licenses sold	9,854.00
The City received for 411 duplicate tags sold	205.50
	$15,504.90

Amount due and paid to the Poundkeeper	$ 9,000.00
Paid Poundkeeper under Special Appropriation	2,152.00
	$11,152.00

City received	$15,504.90	
Public Pound received	11,152.00	
Profit to City	$ 4,352.90	

The cost to the Society for conducting the Public Pound for 12 months, being for wages of five deputies, one clerk, feed for horses and dogs, repairs of wagons, shoeing horses, rent of phone, rent of premises, repairing harness, gas, water, advertising animals for sale, disinfectants, printing, stationery, postage, etc., and WITHOUT ALLOWING ANYTHING FOR THE SALARY OF OUR SECRETARY, OR HIS ASSISTANT, whose time is mostly taken up with this work	$11,408.67
Received from City	11,152.00
Society's loss	$ 256.67

Respectfully submitted,

THE SAN FRANCISCO SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS, POUNDKEEPER.

MATTHEW McCURRIE,
Secretary.

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Board of Public Works

San Francisco, November 1, 1912.

Hon. James Rolph, Jr., Mayor, and Hon. Board of Supervisors,
City and County of San Francisco.

Hon. and Dear Sirs:—There is respectfully forwarded to you herewith, for incorporation in Municipal Reports of San Francisco, 1911-1912, a report of the Department of Public Works, outlining the transactions of the various bureaus of said board for the fiscal year commencing July 1, 1911, and ending June 30, 1912.

Respectfully submitted,

D. G. FRASER, Commissioner.
C. S. LAUMEISTER, Commissioner.
MICHAEL CASEY, Commissioner and President.

Attest: F. J. CHURCHILL, Secretary.

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REPORT OF BUREAU OF ENGINEERING.

San Francsco, Calif., July 1, 1912.

To the Honorable, The Board of Public Works,
Of the City and County of San Francisco.

Gentlemen: There is submitted herewith, the annual report for the fiscal year 1911-12. The works of the various divisions of the Bureau of Engineering are given in detail therein.

It affords me pleasure to commend the high character of service rendered to the City by the Principal Assistant Engineer, the Consulting Mechanical Engineer and the Assistants in charge of divisions, as well as by the numerous assistants and employees of the Bureau.

Respectfully submitted,

MM-MLS. MARSDEN MANSON, City Engineer.

SEWER SYSTEM—BOND ISSUE OF 1903 AND 1908.

Loren E. Hunt, Chief Assistant City Engineer in Charge.
H. W. Shimer, Assistant Engineer in Charge of Sewerage and Drainage System.
A. Judell, Assistant Engineer in Charge of Construction.

Under the Bond Issue authorized November 2, 1903, fifty-three (53) contracts have been entered into for the construction of sewers and appurtenances; fifty (50) of these contracts have been satisfactorily completed and the work accepted. The remaining three (3) contracts are now under construction and are approaching completion within the time allowed the Contractor to finish the work. The total value of the work completed to July 1, 1912, under this Bond Issue, is $1,057,424.17, of which value $159,603.04 has been completed during the past fiscal year.

Under the Bond Issue authorized May 11, 1908, forty-two (42) contracts, aggregating $3,486,185.56, have been entered into for the construction of sewers and appurtenances; thirty-four (34) of these contracts have been satisfactorily completed and the work accepted. At the beginning of the fiscal year 1911-1912, the estimated value of the work completed under this Bond Issue was $2,206,-768.85. During the fiscal year just passed, work was completed to the amount of $935,944.88, making a total value of the work completed under this Bond Issue on July 1, 1912, of $3,142,713.73.

In the subjoined tables the location of the work, the name of the Contractor, the amount of each contract and the date of acceptance of the completed work, are tabulated for each contract. A detailed statement of the recent work completed, under way and in preparation for immediate letting, with a description of the various sewers and appurtenances which have been constructed under the Bond Issue of 1903 and 1908, follows:

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ED NOVEMBER

	Date Contract Was Signed.
In	
In	
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In	
In	
In	
In	
In	Sept. 19, 190
In	
In	
In	
In	
In	
In	
In	
In	Sept. 19, 190
In	April 7, 190
In	
In	July 22, 190
In	Aug. 2, 190
In	Aug. 4, 190
In	Oct. 8, 190
In	Sept. 28, 190
In	Nov. 10, 190
In	*Dec. 10, 190
In	Dec. 27, 190
In	Oct. 7, 190
In	Oct. 5, 190
In	May 2, 190
In	May 2, 190
In	May 2, 190
In	May 4, 190
In	May 4, 190
In	Aug. 22, 190
In	Jan. 28, 190
In	May 10, 190
Dri	May 24, 190
In	July 26, 190
In	Jan. 18, 191
In	Jan. 15, 191
In	June 27, 191
In	July 22, 191
In	Sept. 14, 191
In	Oct. 25, 191
In	Jan. 10, 191
In	Feb. 28, 191
In	Feb. 28, 191
In	April 11, 191
Gle	April 29, 191
Tw	Sept. 12, 191
Br	Nov. 29, 191
Th	Feb. 8, 191
San	April 28, 191
Sta	June 12, 191
Co	
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OUTLINE OF WORK UNDER CONSTRUCTION, TOGETHER WITH THE WORK COMPLETED DURING THE FISCAL YEAR 1911-1912.

Bond Issue of 1903.

For the construction of sewers and appurtenances in Glen Park Extension.

Contract awarded on August 18, 1911, to the L. H. Westdahl Co.

Under this contract 134.5 lin. ft. of 5'3" circular concrete sewer were constructed, connecting the Glen Park Sewer with the sewer in Lyell Street. This work was accepted on October 16, 1911. A total of $1,883 was paid the Contractor for this work.

For the construction of sewers and appurtenances in 23rd Avenue from Geary to Anza Street.

Contract awarded on November 22, 1911, to Karl Ehrhart.

Under this contract there was constructed in 23rd Avenue a 3'x4'6" concrete sewer, together with appurtenances. This work was accepted on February 14, 1912. A total of $6,915.16 was paid the Contractor for this work.

For the construction of sewers and appurtenances in Brannan Street and Beale Street.

Contract awarded on January 24, 1912, to J. F. O'Brien & Co.

Under this contract there was constructed a 2'6"x3'9" reinforced concrete sewer in Beale Street and a 7'6"x6' reinforced concrete sewer in Brannan Street, together with junction structure and appurtenances. This work was accepted on July 12, 1912. A total of $21,004.32 was paid the Contractor for the work.

For the construction of sewers and appurtenances in 13th Avenue and Cabrillo Street.

Contract awarded on April 10, 1912, to Karl Ehrhart.

Under this contract a 2'6"x3'9" reinforced concrete sewer is being constructed in 13th Avenue from Cabrillo to Geary Street and in Cabrillo Street from 12th to 13th Avenues, together with taper connections and appurtenances. The estimated value of the work on July 1, 1912, is $6,259.50. A total of $1,900.28 has been paid the Contractor.

For the construction of sewers and appurtenances in San Jose Avenue from Regent to Liebig Street.

Contract awarded on May 29, 1912, to Karl Ehrhart.

Under this contract there is being constructed 8", 21", 12", 24" and 30" ironstone pipe sewers and a 30" riveted steel pipe sewer in San Jose Avenue, together with appurtenances. Construction work has just been started.

CONTRACTS BEING PREPARED.

On July 1, 1912, appropriations had been made by the Supervisors for performing the work on the following named sewers:

In Stanyan and Oak Streets between Frederick and Cole Streets;

In Beach Street between Webster and Tonquin Street;

In Ocean Avenue from Lee to Phelan Avenue;

In Pierce Street between Lewis Street and San Francisco Bay;

In Steuart Street between Howard and Folsom Streets;

In Woolsey Street between Holyoke and Dartmouth Streets.

Since July 1, 1912, all the above named sewers have been awarded, and are now being rapidly prosecuted toward completion.

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BOND ISSUE OF 1908.

CONTRACT NO. 11.—For the construction of sewers and appurtenances in Section "F" of the North Point Main.

Contract awarded September 16, 1910, to the Metropolis Construction Co.

The work under this contract included the construction of a 15" ironstone pipe sewer in Fifteenth Street, between Treat Avenue and Harrison Street; of an 8" ironstone pipe sewer in Harrison Street between Fifteenth and Alabama Streets, and of a 7' circular reinforced concrete sewer in Harrison Street from Tenth Street to Treat Avenue, together with overflows, taper and junction structures and other appurtenances. This work was accepted March 6, 1912. A total of $93,144.83 was paid the Contractor.

CONTRACT NO. 14.—For the construction of sewers and appurtenances in Section "A" of the North Point Main.

Contract awarded on July 10, 1910, to the Healy-Tibbitts Construction Co.

The work under this contract includes the construction of a 12" ironstone pipe sewer in Greenwich Street at Sansome Street; 18" ironstone pipe sewers in the Embarcadero at Bay Street and at Montgomery Street: 21" ironstone pipe sewers in the Embarcadero at Grant Avenue, North Point Street, Kearny Street and at Chestnut Street; a 2'x3' reinforced concrete sewer in the Embarcadero at Beach Street and in Battery Street, between Greenwich and Filbert Streets; a 5' 6" circular reinforced concrete sewer in Greenwich Street, between Sansome and Battery Streets; a 6' circular reinforced concrete sewer in Greenwich Street and in the Embarcadero, between Battery Street and the Bay of San Francisco; an 8' 6" circular reinforced concrete sewer in Sansome Street, between Filbert and Beach Streets, and in the Embarcadero between Chestnut and Beach Streets, where it empties into the Bay of San Francisco, together with taper and junction structures and other appurtenances. The work was accepted on September 13, 1911. A total of $153,181.48 was paid the Contractor.

CONTRACT NO. 16—For the construction of sewers and appurtenances in Section "C-1" of the North Point Main.

Contract awarded on September 16, 1910 to Robert C. Storrie & Co.

The work under this contract included the construction of an 8 ft. 6 in. circular reinforced concrete sewer in Sansome Street between Sutter and Jackson Streets; of a 3 ft. x 5 ft., 5 ft. 6 in. and 4 ft. x 6 ft. circular reinforced concrete sewer connections to existing sewers, ironstone pipe sewer adjacent to the main sewer, together with overflow and junction structures and other appurtenances. This work was accepted October 13, 1911. A total of $93,868.71 was paid the contractor.

CONTRACT NO. 17.—For the construction of sewers and appurtenances in Section "C-2" of the North Point Main.

Contract awarded on December 16, 1910 to the Keystone Construction Co. and assigned to James F. Von Loben Sels. The work was prosecuted until May, 1912 when the contract was annulled and proposals invited for completing the work. Contract awarded on June 7, 1912 to the Daniel Contracting Co. The work under this contract includes the construction of an 8 ft. circular reinforced concrete sewer in Second Street, between Howard and Mission Streets; an 8 ft. 6 in. circular reinforced concrete sewer in Second Street between Mission and Market Streets; also in Market Street and Sansome Streets, and in Sansome Street, between Market Street and the north property line of Sutter Street, together with ironstone pipe sewer adjacent to the main sewer, taper connection and junction structures and other appurtenances. J. F. Von Loben Sels com-

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pleted 8.9% of the work under this contract and the Daniel Contracting Co. has done 2.6% of the work under its contract.

CONTRACT NO. 18.—For the construction of sewers and appurtenances in Section "D-1" of the North Point Main.

Contract awarded on July 7, 1911 to the Contra Costa Construction Co. The work under this contract included the construction of an 8 ft. circular reinforced concrete sewer in Howard Street, between Second and Fourth Streets, together with appurtenances and ironstone pipe sewers adjacent to the main sewer. This work was accepted May 1, 1912. A total of $96,262 was paid the Contractor.

CONTRACT NO. 19.—For the construction of sewers and appurtenances in Section "C" of the Division Street sewer.

Contract awarded on August 10, 1910 to the Healy-Tibbitts Construction Co. The work under this contract included the construction of a 7′ 6″ x 8′ 6″ rectangular concrete sewer in Alameda Street, between Harrison and Division Streets; of a 9′ x 10′ 6″ rectangular concrete sewer in Division Street and Treat Avenue, between Sixteenth and Alameda; of an ironstone pipe sewer in Alameda Street, between Harrison and Division Streets, together with a junction structure and ironstone pipe sewers adjacent to the concrete sewers. This work was accepted Dec. 1, 1911. A total of $61,316.23 was paid the Contractor.

CONTRACT NO. 20.—For the construction of sewers and appurtenances in Section "D-2" of the North Point Main.

Contract awarded on July 14, 1911 to the Healy-Tibbitts Construction Co. The work under this contract includes the construction of an 8′ circular sewer in Howard Street, between Fourth and Fifth Streets; of a 7′ 6″ sewer in Howard Street, between Fifth and Sixth Streets; of a 5′ 3″ circular sewer in Fifth Street at the crossing of Howard Street, together with taper and diversion structures and ironstone pipe sewer adjacent to the main sewer. This work was accepted on May 22, 1912. A total of $86,869.33 was paid the contractor for the work.

CONTRACT NO. 27.—For the construction of sewers and appurtenances in Section "L" of the North Point Main.

Contract awarded on April 26, 1911 to the Healy-Tibbitts Construction Co. The work under this contract included the construction of a 9′ circular concrete sewer in Springdale Street, between Lyell and Mission Streets; of an 8′ 6″ circular concrete sewer in Springdale Street, between Garden Lane and Lyell Street; of 291 lin. ft. of 5′ 3″ circular concrete sewer in Lyell Street, together with junction and diversion structures and appurtenances. This work was accepted October 28, 1911. A total of $51,651.25 was paid the Contractor.

CONTRACT NO. 31.—For the construction of sewers and appurtenances in Seventh Street, between Howard and Hubbell Streets.

Contract awarded on June 22, 1910 to the Metropolis Construction Company. The work under this contract included the construction of a 3′ 6″ x 5′ 3″ concrete sewer in Seventh Street, between Howard and Folsom Streets; of a 5′ 6″ circular concrete sewer between Folsom and Brannan Streets; of a 6′ circular concrete sewer between Brannan and Channel Streets; of a 3′ x 4′ 6″ concrete sewer between Channel and Irwin Streets; of a 2′ 6″ x 3′ 9″ concrete sewer between Irwin and Hubbell Streets; of ironstone pipe sanitary sewers between Howard and Berry Streets, together with overflow and taper structures and appurtenances. This work was accepted December 1, 1911. A total of $143,940.01 was paid the Contractor.

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CONTRACT NO. 32.—For the construction of sewers and appurtenances in Mission Street from Silver Avenue to Bosworth Street.

Contract awarded on May 25, 1910 to the Keystone Construction Co. The work under this contract consists of the construction of a 2′ 6″ x 3′ 9″ concrete sewer in Mission Street, between Silver Avenue and Islais Creek; of 500 lin. ft. of 4′ x 6′ 6″ concrete sewer in Mission Street; of a 2′ 6″ x 3′ 9″ concrete sewer and a 3′ x 4′ concrete sewer in Springdale Street at the crossing of Mission Street; a 12″ ironstone pipe sewer and an 18″ ironstone pipe sewer on the westerly side of the Mission Viaduct, together with junction, taper and diversion structures and other appurtenances. Estimated value of constructed work on July 1, 1912, was $13,354.

CONTRACT NO. 35.—For the construction of sewers and appurtenances in Section "A" of the Ingleside Outlet Sewer.

Contract awarded on January 20, 1911 to F. Rolandi. The work under this contract includes 2,939 lin. ft. of 3′ x 4′ 6″ concrete sewer in a private Right of Way across the Ingleside racetrack, with a taper connection and other appurtenances. This work was accepted on August 21, 1911. A total of $26,924.44 was paid the Contractor.

CONTRACT NO. 36.—For the construction of sewers and appurtenances in the Lower Sunset District.

Contract awarded on March 25, 1910 to the Metropolis Construction Co. The work under this contract included the construction of a 6′ 6″ circular concrete sewer in 45th Avenue, between Vicente and Ulloa Streets, and in Ulloa Street, between 45th and 46th Avenues. A 7′ circular concrete sewer in 46th Avenue, between Ulloa and Santiago Streets; a 7′ 6″ circular concrete sewer 46th Avenue, between Santiago and Quintara Streets; 8′ circular concrete sewer in 46th Avenue, between Quintara and Noriega Streets; an 8′ circular concrete sewer in Noriega Street, between 47th and 46th Avenues; and an 8′ circular sewer in 47th Avenue, between Noriega and Kirkham Streets; an 8′ circular sewer in Kirkham Street, between 47th and 48th Avenues; 405 lin. ft. of 2′ x 3′ reinforced concrete sewer in adjacent streets, together with overflow, junction and taper structures and appurtenances. This work was accepted on February 2, 1912. A total of $166,199.08 was paid the Contractor.

CONTRACT NO. 37.—For the construction of sewers and appurtenances in Golden Gate Park and Forty-eighth Avenue, between Cabrillo Street and Lincoln Way.

Contract awarded on April 17, 1912 to the Consolidated Construction Co. The work under this contract includes the construction of a 9′ x 11′ concrete sewer in Golden Gate Park and Forty-eighth Avenue, between Cabrillo Street and Lincoln Way, together with sedimentation chamber and other appurtenances. Actual construction work has just begun.

CONTRACT NO. 40.—For the construction of sewers and appurtenances in Lincoln Way and 48th Avenue.

Contract awarded on April 21, 1911 to Robert C. Storrie & Co. The work under this contract included the construction of a 6′ 6″ circular concrete sewer in Lincoln Way from 40th to 48th Avenue; an 8′ circular concrete sewer in 48th Avenue from Kirkham to Irving Street; an 8′ 6″ circular concrete sewer in 48th Avenue from Irving Street to the north property line of Lincoln Way; a 3′ 6″ x 5′ 3″ concrete sewer in Lincoln Way from La Playa to 48th Avenue, together with junction and taper structures and other appurtenances. This work was accepted February 14, 1912. A total of $132,511.85 was paid the Contractor for the work.

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CONTRACT NO. 42.—For the construction of sewers and appurtenances in Section "C" of the Ingleside Outlet Sewer.

Contract awarded on January 3, 1912 to the Contra Costa Construction Co. The work under this contract included the construction of a 5′ 3″ circular concrete sewer in Thirty-fourth Avenue and Sloat Boulevard, between Vicente Street and a point between 31st and 33rd Avenues produced, together with appurtenances and ironstone pipe sewer connecting the concrete sewer with Section "B" of the Ingleside Outlet. Estimated value of work completed July 1, 1912, was $42,050.88.

CONTRACT NO. 43.—For the construction of sewers and appurtenances in Section "D-3" of the North Point Main. Contract awarded on July 28, 1911 to F. Rolandi.

The work under this contract included the construction of a 7′ 6″ circular concrete sewer in Howard Street, between Sixth and Eighth Streets; of a 3′ 6″ x 5′ 3″ concrete sewer in Sixth and Seventh Streets at the crossing of Howard Street, together with appurtenances, diversion structures and pipe sewers adjacent to the main sewer. The estimated value of the work completed on July 1, 1912, was $91,616.98. Accepted May 15, 1912.

CONTRACT NO. 44.—For the construction of sewers and appurtenances in Section "E" of the North Point Main. Contract awarded on August 23, 1911 to F. Rolandi.

The work under this contract included the construction of a 15″ ironstone pipe sewer in Brannan Street, between Ninth and Division Streets; a 7′ circular reinforced concrete sewer in Harrison Street, between Eighth and Tenth Streets; a 7′ 6″ circular reinforced concrete sewer in Eighth Street, between Harrison and Howard Streets, together with taper connection, junction structures, ironstone pipe sewer adjacent to main sewer and other appurtenances. Estimated value, July 1, 1912, $127,626.75.

CONTRACT NO. 45.—For the construction of sewers and appurtenances in Section "G" of the North Point Main. Contract awarded on July 5, 1911 to John Daniel.

The work under this contract included the construction of a 10′ 6″ x 12′ 6″ reinforced concrete sewer in Treat Avenue, between 16th and 18th Streets; of a 7′ circular reinforced concrete sewer in Harrison Street; of a 7′ 6″ circular reinforced concrete sewer in 18th Street at Treat Avenue, together with junction and overflow structures and other appurtenances. The estimated value of the work July 1, 1912, was $80,107.75.

CONTRACT NO. 47.—For the construction of sewers and appurtenances in Section "M" of the North Point Main. Contract awarded on July 31, 1911 to the Healy-Tibbitts Construction Co.

The work under this contract includes the construction of a 6′ 6″, a 7′, an 8′ and an 8′ 6″ circular reinforced concrete sewer in a Right of Way parallel with and 330 ft. westerly from Alemany Avenue, between San Ynez Avenue and Garden Lane and of a 4′ x 6′ reinforced concrete sewer in a 60′ right of way (same being a continuation of Santa Rosa Avenue) together with taper connections, junction structures and other appurtenances. The estimated value of the work July 1, 1912 was $3,383.16.

CONTRACT NO. 49.—For the construction of sewers and appurtenances in the Ingleside Outlet, Section "B." Contract awarded on November 10, 1911 to the Coast Improvement Co.

The work under this contract included the construction of a 24″ cast iron pipe sewer across the Spring Valley Water Co. lands from Junipero Serra Boule-

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vard to Sloat Boulevard, together with appurtenances. This work was accepted on April 24, 1912. A total of $20,749.75 was paid to the Contractor.

For the construction of sewers and appurtenances in Beale Street, between Folsom and Bryant Streets. Contract awarded on December 23, 1910 to J. W. Flinn and assigned to Westdahl & Hennessy.

Under this contract, a 12" I. S. P. sewer was constructed in Beale Street, between Folsom and Harrison Streets and an 18" I. S. P. sewer in Beale Street, Between Harrison and Bryant Streets, together with appurtenances. The work was accepted on March 27, 1912. A total of $5,229.07 was paid the Contractor.

SEPTIC TANK.—For the construction of a Septic Tank in Golden Gate Park at 20th Avenue and Lincoln Way. Contract awarded on November 30, 1910 to L. H. Westdahl.

Built as a temporary means of disposal of sewerage of the Sunset District easterly of 20th Avenue. Size 10 ft. x 40 ft. with baffle wall, manhole and outlet pipe. A total of $1,222.80 was paid the Contractor. The work was accepted on February 3, 1911.

AUXILIARY WATER SUPPLY SYSTEM FOR FIRE PROTECTION.

Loren E. Hunt, Chief Asst. City Engineer in charge of Construction.
T. W. Ransom, Consult. Eng. in charge of Mechanical Engineering.

Under the Bond Issue authorized May 11, 1908, 79 contracts aggregating $4,449,469.52 have been entered into for the construction of the Auxiliary Water Supply System for Fire Protection; 63 of these contracts have been satisfactorily completed and the work accepted. At the beginning of the fiscal year 1911-1912, the estimated value of the work completed under the Bond Issue was $3,058,136.66. During the fiscal year just passed, work was completed to the amount of $844,587.93 making a total value of the work completed under this Bond Issue on July 1, 1912 of $3,902,724.59.

In the subjoined tables the location of the work, the name of the Contractor, the amount of each contract and the date of acceptance of the completed work are tabulated for each contract. A detailed statement of the recent work completed, under way and in preparation for immediate letting, with a description of the various divisions of the system which have been constructed under the Bond Issue of 1908, follows:

AUXILIARY WATER SUPPLY SYSTEM FOR FIRE PROTECTION.

CONTRACT NO. 27.—For the construction of Pumping Station No. 1 at Second and Townsend Streets.

Section "A"—General Contract. Awarded to the Healy-Tibbitts Construction Co. on February 11, 1910 for $138,300.

On July 1, 1911 the concrete foundations, floors, walls and roof of the building had been completed; 5 steel tanks for the storage of fuel oil were finished and built into reinforced concrete foundations; 30% of the electrical work had been completed; 65% of the metal door and window frames and the interior trim of the building was completed. The water tanks under the floor had been covered with four coats of cement wash and were ready for use. During the fiscal year 1911-1912 the work has been fully completed or about 39% of the total work performed. The work was accepted on March 13, 1912. A total of $136,525.09 was paid the Contractor for the work.

Section "B".—Structural Steel and Iron Work. Awarded to Dyer Bros. on March 2, 1910 for the sum of $60,000.

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Certain changes in the plans were made by the Board of Public Works which reduced the contract to $57,363.65.

On July 1, 1911 the work was estimated at 99% completed, all the work being finished with the exception of the painting of the roof trusses. The work was accepted on March 8, 1912. A total of $57,363.65 was paid the Contractor.

Section "C".—Tile Work. Awarded to Mangrum & Otter, Inc., December 15, 1909, for $6,284.00.

All the work has been completed since July 1, 1911 and was accepted on March 27, 1912. A total of $6,106.13 was paid the Contractor.

Section "D".—Sheet Copper Roofing. Awarded on January 7, 1910 to the San Francisco Cornice Co. for $3,295. This work was accepted in August, 1911. A total of $3,295 was paid the Contractor.

Section "E".—Asphalt and Gravel Roofing. Awarded on December 15, 1909, to Ford & Mallott for $555.

This work has been completed and was accepted on October 20, 1911. $555 was paid the Contractor for the work.

Section "F".—Rolling Doors and Shutters. Awarded on December 15, 1909 to Lilley & Thurston Co. for $4,630. 85% of the work was completed on July 1, 1911. The remaining portion of the work was completed shortly after and accepted on September 1, 1911. $4,630 was paid the Contractor.

Section "G".—Plumbing and Gas Work. Awarded on December 15, 1909 to Robert Dalziel Jr., Co.

About 80% of the work was completed on July 1, 1911. The work has been fully completed and was accepted on March 8, 1912. A total of $2,997 was paid the Contractor for the work.

Section "H".—Mechanical Equipment. Awarded to Chas. C. Moore & Co., Engineers, on December 31, 1909.

On July 1, 1911 about 75% of this work has been completed. The work was accepted on May 15, 1912. To July 1, 1912, $166,375 had been paid the Contractor.

The final trial of this Pumping Station was made on February 19, 1912 in the presence of the members of the Board of Public Works, representatives of the City Engineer's office, of the Chamber of Commerce, the Board of Fire Underwriters of the Pacific, Mission Promotion Association and Chief Engineer Thos. R. Murphy of the San Francisco Fire Department.

This test was entirely successful and together with preliminary tests previously made, demonstrated that the Pumping Station fulfilled the requirements of the specifications in every particular. The station was formally accepted by the Board of Public Works on May 15, 1912 and was turned over to the Fire Department for operation, since which time it has been entirely satisfactory.

CONTRACT NO. 29.—For the construction of the Twin Peaks Reservoir. Contract awarded on December 8, 1909 to the Healy-Tibbitts Construction Co.

Under the original plans the reservoir was to be constructed by excavating two compartments and leaving an earth retaining wall between. Later, the plans were changed and the reinforced concrete division wall substituted. This wall is described under Contract No. 70 of this report. The capacity of the reservoir with the concrete division wall, is 10,500,000 gallons with the water standing at a depth of 25 feet. The elevation of the reservoir above city base is 755 feet. Gates and connecting pipes are so arranged that either or both can be connected with the distributing system at will. Two lines of 20" pipe connect the reservoir with the distributing reservoirs. The work was accepted on May 10, 1912. On July 1, 1912, $115,624.35 had been paid the Contractor for the work.

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CONTRACT NO. 32.—For the construction of one 500,000 gallon tank on property facing Clayton Street, between 17th and 18th.

Section "A".—For excavating the site, constructing concrete foundations and installing pipes, valves and fittings. Awarded to Mitchell & Savage on July 7, 1911. The estimated value of the work completed to July 1, 1912 was $3,287, which represented about 43% of the contemplated work. To July 1, 1912, $2,465.25 had been paid the Contractor.

Section "B".—For furnishing, erecting, testing and painting. Awarded on July 31, 1911 to Frederick Roberts & Co., for $12,350. The work has been completed and was accepted on June 26, 1912. A total of $12,178.79 was paid the Contractor.

Section "C".—For furnishing and installing valves. Awarded on July 7, 1911 to the Compressed Air Machinery Co. This work has been fully completed and was accepted in February, 1912. A total of $7,684, was paid the Contractor for the work.

Section "D".—For testing and delivering valves. Awarded on February 28, 1912 to the Compressed Air Machinery Co. This work has been fully completed and was accepted on June 11, 1912. A total of $2,449 was paid the Contractor for the work.

Section "E".—Pump House. Awarded on June 7, 1912 to T. W. McClenahan.

The work under this contract included the construction of a special construction building for the Ashbury Heights Pump House. On July 1, 1912, construction work had just commenced.

Section "F".—Furnishing and Installing Pumps. Awarded on April 10, 1912 to Byron Jackson Iron Works.

On July 1, 1912, the pumps had not been delivered at the Pump House.

CONTRACT NO. 34. Section "A".—General Contract. For the construction of a Class "A" building for Pumping Station No. 2 located in the Fort Mason Reservation.

This contract was awarded on February 7, 1912 to Caldwell & Co. Under this contract a Class "A" building, water and oil tanks, a chimney and intake tunnel are to be constructed. Owing to the inefficient manner in which the Contractor for building prosecuted the work, only about 85% of the excavation, equal to about 15% of the entire contract, had been completed on July 1, 1912. The concrete foundations which should have been sufficiently advanced to be completed on July 10, 1912 had not been commenced, and it was estimated that the Contractor was at least 60 days behind on his contract. The estimated value of the completed work on July 1, 1912 was $16,860.

Section "B".—Structural Steel. Contract awarded on February 21, 1912 to the Judson Manufacturing Co.

Practically all of the shop work on the structural steel frame had been completed and was ready for delivery at the site of the building.

Section "C".—Mechanical Equipment. Contract awarded on February 19, 1912 to Chas. C. Moore & Co.

Drawings for more than 75% of the mechanical equipment had been submitted by the Contractor and approved by this office. Work on the boilers, steam turbines and a number of the auxiliaries, was progressing in a satisfactory manner.

CONTRACT NO. 36.—For furnishing, testing and delivering gate valves.

Section "A".—For furnishing, testing and delivering 1,200 8-in. gate valves. Awarded on September 22, 1909 to the Pittsburg Valve & Foundry Co.

Under the option provided in the specifications, the Board of Public Works reduced the number of gate valves ordered under this contract to 1,140. This

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contract has been fully completed and was accepted September 20, 1911. A total of $60,192 was paid the Contractor for the work.

Section "B".—For furnishing, testing and delivering 890 10-in. gate valves. Awarded on September 22, 1909 to the Pelton Water Wheel Co.

Under the option provided in the contract, the Board of Public Works reduced the number of gate valves to be delivered under this contract to 810. This contract has been fully completed and was accepted on October 9, 1911. A total of $82,426.90 was paid the Contractor.

Section "C".—For furnishing, testing and delivering 310 12-in. gate valves. Awarded on September 22, 1909 to the Pittsburg Valve Foundry & Construction Co.

Under the option provided in the specifications, the Board of Public Works reduced the number of gate valves to be delivered to 279. The last of the valves were shipped on July 29, 1910. This work was accepted on September 20, 1911. A total of $49,643.20 has been paid the Contractor.

Section "D".—For furnishing, testing and delivering 70 14-in. gate valves. Awarded on September 22, 1909 to the Pttsburg Valve Foundry & Construction Co.

Under the option provided in the contract, the Board of Public Works reduced the number of gate valves to be delivered. This work has been completed. A total of 66 valves were delivered at the Municipal Yard. A total of $15,179 was paid the Contractor.

Section "E".—For furnishing, testing and delivering 260 16-in. gate valves. Awarded on September 22, 1909 to the Union Machine Co.

Under the option provided in the contract, the Board of Public Works reduced the number of gate valves to be delivered to 234. This work has been fully completed and was accepted in April, 1912. A total of $76,713 was paid the Contractor.

Section "F".—For furnishing, testing and delivering 60 18-in. gate valves. Awarded on September 22, 1909 to the Union Machine Co. In accordance with the option provided in the contract, the Board of Public Works reduced the number of gate valves to be delivered under this contract to 54. This contract has been fully completed and was accepted in April, 1912. A total of $24,084 was paid the Contractor for the work.

CONTRACT NO. 39.—For furnishing and delivering 1,000 tons of cast iron specials. Awarded on April 20, 1910 to the Enterprise Foundry Co.

On July 1, 1912, 220 castings weighing approximately 43 tons had been finished and delivered at the Municipal Pipe Yard. During the fiscal year 1910-1911, all the patterns for this work had been completed and 3,592 castings weighing 906 tons had been finished and delivered. During the past fiscal year, 333 tons of castings have been completed and delivered at the Pipe Yard, making a total of 1,239 tons valued at $102,039.20. A total of $88,215.97 has been paid the Contractor on account of this work.

CONTRACT NO. 40.—For furnishing and delivering manhole frames, covers and dust pans. Awarded on May 18, 1910 to the Ajax Brass & Foundry Co.

This work has been fully completed and was accepted on January 19, 1912. 667 frames and covers, 513 vertical, 92 horizontal and 62 plain dust pans were delivered to the Pipe Yard valued at $12,283.38. The Contractor was paid that amount.

CONTRACT NO. 41.—For furnishing and delivering manhole frames, covers and dust pans. Awarded on June 15, 1910 to the Vulcan Iron Works.

This work has been fully completed and was accepted on December 13, 1911. 483 frames and covers and dust pans were delivered at the Pipe Yard valued at $3,178.19. The Contractor was paid that amount.

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CONTRACT NO. 42.—For furnishing and delivering manhole frames, covers and dust pans. Awarded on June 27, 1910 to the Ajax Brass & Iron Works.

900 frames, 822 covers, 900 dust pans and 80 by-pass covers were delivered at the Pipe Yard. The Contractor was paid $3,139.70.

Brannan Street.—Hauling and laying cast iron high pressure mains, conduits and appurtenances.

This work was performed by day labor under the direction of the Board of Public Works and included the construction of 259 lin. ft. of 8-in., 60 lin. ft. of 10-in., 88 lin. ft. of 12-in., 41 lin. ft. of 14-in., 60 lin. ft. of 16-in., 377 lin. ft. of 18-in., and 1,451 lin. ft. of 20-in. B. & S. pipe; 92 lin. ft. of 12-in., 105 lin. ft. of 14-in., and 2,322 lin. ft. of D. S. pipe; 3,400 cu. yds. of material were removed from the trenches. 11 hydrants and 30 valves were set along the line of the constructed pipe. The estimated value of the completed work was $19,991.20. This work was performed in Brannan Street, between Second and Sixth Streets.

Second Street.—Hauling and laying cast iron high pressure mains, conduits and appurtenances.

Work performed by day labor under the direction of the Board of Public Works. This work included the construction of 365 lin. ft. of 8-in., 515 lin. ft. of 10-in., 515 lin. ft. of 12-in., 70 lin. ft. of 16-in., 13 lin. ft. of 18-in., and 2,496 lin. ft. of 20-in. B. & S. pipe; 3,681 cu. yds. of material were removed from the trenches and 2,324 ft. of creosoted wooden duct laid. 14 hydrants and 37 valves were set. The estimated value of the work completed was $16,528.23. The above work was performed in Second Street, between Market and Townesnd Streets.

CONTRACT NO. 44.—For hauling and laying cast iron high pressure mains, conduits and appurtenances. Awarded on July 8, 1910 to the Keystone Construction Co.

On July 1, 1911 about 16% of the work under this contract had been completed, which is the total amount of work performed by the Keystone Construction Co. This included the construction of 622 lin. ft. of 8-in. B. & S. pipe; 32 lin. ft. of 10-in. B. & S. pipe; 3,756 lin. ft. of 12-in. B. & S. pipe; 4,652 lin. ft. of 14-in. B. & S. pipe; 13 lin. ft. of 16-in. B. & S. pipe; 1,866 lin. ft. of 18-in. B. & S. pipe; 542 lin. ft. of D. S. pipe; 1,666 lin. ft. of 12-in. D. S. pipe; 1.699 lin. ft. of 14-in. D. S. pipe; 28 lin. ft. of 16-in. D. S. pipe, making a total of 14,876 lin. ft. of pipe. The total estimated value of the work performed was $20,849.87. Payments to the amount of $15,417.61 were made the Contractor. This contract was annulled on July 24, 1911 by the Board of Public Works. The following work was then performed by day labor under the direction of the Board of Public Works:

Excavation 4,775 cu. yds.; 352 lin. ft. of 8-in. B. & S. pipe; 601 lin. ft. of 12-in. B. & S. pipe; 1,379 lin. ft. of 16-in. B. & S. pipe; 385 lin. ft. of 18-in. B. & S. pipe; 1,193 lin. ft. of 10-in. D. S. pipe; 1,116 lin. ft. of 12-in. D. S. pipe; 73 lin. ft. of 14-in. D. S. pipe; 1,532 lin. ft. of 16-in. D. S. pipe and 15 lin. ft. of 18-in. D. S. pipe were laid. 11 hydrants and 62 valves were set. The total estimated value of the work is $32,679.91.

In the meantime, proposals were invited for completing the contract and awarded on February 7, 1912 to Robert C. Storrie & Co. for the estimated amount of $181,549.20. On July 1, 1912 about 65% of the work had been completed. This included the construction of 3,590 lin. ft. of 8-in. B. & S. pipe; 965 lin. ft. of 10-in. B. & S. pipe; 2,547 lin. ft. of 12-in. B. & S. pipe; 1,440 lin. ft. of 14-in. B. & S. pipe; 1,663 lin. ft. of 16-in. B. & S. pipe; 5,675 lin. ft. of 18-in. B. & S. pipe; 11,387 lin. ft. of 10-in. D. S. pipe; 4,300 lin. ft. of 12-in. D. S. pipe; 9,640 lin. ft. of 14-in. D. S. pipe; 2,450 lin. ft. of 16-in.

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D. S. pipe; 876 lin. ft. of 18-in. D. S. pipe, making a total of 44,533 lin. ft. on 8.4 miles. 25,058 cu. yds. of material were excavated, backfilled and the surplus material disposed of. 135 hydrants and 309 valves were set. The estimated value of the work on July 1, 1912 was $119,065.99 and payments to the extent of $59,541.96 were made the Contractor. The above work was performed in the district bounded by the easterly line of Powell Street, the southeasterly line of Market Street and the Bay of San Francisco and in New Montgomery Street and Mission Street.

CONTRACT NO. 46.—For hauling and laying cast iron high pressure mains, conduits and appurtenances. Contract awarded on April 24, 1911 for the estimated sum of $107,902.53 to Michael Murphy.

On July 1, 1911 about 16% of the work had been completed. Since that date the work has been fully completed. This included the construction of 1,258 lin. ft. of 8-in. B. & S. pipe; 75 lin. ft. of 10-in. B. & S. pipe; 8,446 lin. ft. of 12-in. B. & S. pipe; 22,976 lin. ft. of 14-in. B. & S. pipe; and 15,452 lin. ft. of 18-in. B. & S. pipe; 29,581 cu. yds. of material were removed from the trenches and 30,929 lin. ft. of creosted wooden duct were laid. 102 hydrants and 232 valves were set along the line of the constructed pipe. This work was accepted on February 24, 1912. Payments to the amount of $105,908.93 have been made to the Contractor.

The above work was performed in the district bounded by the westerly line of Van Ness Avenue; the northwesterly line of Market Street, the northerly line of Duboce Avenue, the westerly line of Divisadero Street and the northerly line of Pacific Avenue.

CONTRACT NO. 47.—For hauling and laying cast iron high pressure mains, conduits and appurtenances. Contract awarded on July 29, 1910 to the Raisch Improvement Co. for the estimated amount of $44,705.40.

On July 1, 1911, 90% of the work had been completed. Since that date the work has been fully completed. The work included the construction of 786 lin. ft. of 8-in. B. & S. pipe; 581 lin. ft. of 10-in. B. & S. pipe; 1,058 lin. ft. of 14-in. B. & S. pipe; 17,455 lin. ft. of 18-in. B. & S. pipe; 3,638 lin. ft. of 20-in. B. & S. pipe, making a total of 23,518 lin. ft. of B. & S. pipe. 14,303 cu. yds. of material were removed from the trenches and 19,871 duct feet of creosoted wooden duct were laid. 41 hydrants and 65 valves were set along the line of constructed pipe. This work was accepted on November 1, 1911. Payments to the amount of $45,536.43 have been made to the Contractor. This work was performed between the Twin Peaks Reservoir, Scott and Castro Streets.

CONTRACT NO. 48.—For hauling and laying cast iron high pressure mains, conduits and appurtenances. Contract was awarded on August 12, 1910 to Oscar Levy for the estimated amount of $82,743.55.

On July 1, 1911 about 23% of the work had been completed. This represents all the work performed by the Contractor. The following work was done then by day labor under the direction of the Board of Public Works:

101 lin. ft. of 8-in., 40 lin. ft. of 12-in., 1,178 lin. ft. of 14-in., and 24 lin. ft. of 18-in. B. & S. pipe were laid and 12 lin. ft. of 12-in. D. S. pipe were laid, making a total of 1,355 lin. ft. Seven valves and three hydrants were set, 1,541 cu. yds. of material were excavated from the trench and 4,906 ft. of creosoted wooden duct were laid. The value of the work was $6,428. The contract with Oscar Levy was annulled by the Board of Public Works and proposals invited for completing the work.

Awarded on October 9, 1911 to the Coast Improvement Co. for the estimated sum of $113,306.34. On July 1, 1912 the work was about 96% completed. This included the construction of 2,446 lin. ft. of 8-in. B. & S. pipe; 24,646 lin. ft. of

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12-in. B. & S. pipe; 4,125 lin. ft. of 14-in. B. & S. pipe; 1,394 lin. ft. of 16-in. B. & S. pipe; 3,795 lin. ft. of 18-in. B. & S. pipe; 12,332 lin. ft. of 12-in. D. S. pipe and 588 lin. ft. of 16-in. D. S. pipe. 22,691 cu. yds. of material were removed from the trenches and 20,124 feet of creosoted wooden duct were laid. 109 hydrants and 233 valves were set along the constructed pipe lines. The estimated value of the work July 1, 1912 was $108,182.30. Payments to the amount of $77,101.19 were made to the Contractor. The above work was performed in the district bounded by the northwesterly line of Market Street; the westerly line of Castro Street, the southerly line of 29th Street, the southeasterly line of Mission Street, the southerly line of 26th Street, the easterly line of Harrison Street and the northeasterly line of 11th Street.

CONTRACT NO. 50.—For the construction of cast iron high pressure mains, conduits and appurtenances. Contract awarded on September 12, 1910 to Foster & Vogt for the estimated sum of $102,800.54. On July 1, 1911 about 14% of the work under this contract had been completed. This represents all the work completed by the Contractor. This contract was annulled on July 26, 1911 by the Board of Public Works and proposals invited for completing the work.

Awarded on September 13, 1911 to Michael Murphy. On July 1, 1912 about 58% of the work had been completed. This included the construction of 2,713 lin. ft. of 8-in. B. & S. pipe; 7,839 lin. ft. of 10-in. B. & S. pipe; 4,138 lin. ft. of 12-in. B. & S. pipe; 4,599 lin. ft. of 14-in. B. & S. pipe; 985 lin. ft. of 16-in. B. & S. pipe; 8,740 lin. ft. of 18-in. B. & S. pipe; 2,003 lin. ft. of 20-in. B. & S. pipe; 2,063 lin. ft. of 10-in. D. S. pipe; 322 lin. ft. of 12-in. D. S. pipe and 984 lin. ft. of 14-in. D. S. pipe, making a total of 34,383 lin. ft. of constructed pipe. 23,810 cu. yds. of material were excavated from the trenches and 848 lin. ft. of creosoted wooden duct were laid. 79 hydrants and 225 valves were set along the constructed pipe lines. The estimated value of the work on July 1, 1912 was $84,079.12, which represents about 59% of the entire contract. Payments to the amount of $46,632.33 have been made to the Contractor. The above work was constructed in the district bounded by the northerly line of Market Street, the westerly line of Van Ness Avenue and the Bay of San Francisco.

CONTRACT NO. 55.—For furnishing and delivering 3,525 tons of cast iron water pipe. Contract awarded on September 7, 1910 to the United States Cast Iron Pipe & Foundry Co. for the estimated sum of $79,000.

On July 1, 1912, 122.88 tons of pipe had been delivered at the Municipal Pipe Yard, at 6th and Hubbell Streets, valued at $16,662.82. 75% of this value, or $12,497.12 was paid the Contractor.

CONTRACT NO. 57.—For furnishing and delivering bolts, tie rods, nuts and washers. Awarded to the Union Iron Works Co. on February 17, 1911 at $106 per ton of 2,000 pounds.

On July 1, 1911 approximately 10 tons of bolts having a value of $1,065.56 had been received at the Municipal Pipe Yard. On July 1, 1912, approximately 100.6 tons valued at $11,973.34 had been received at the Municipal Pipe Yard. The work was accepted on April 10, 1912.

CONTRACT NO. 58.—For furnishing and delivering gate and check valves. Contract awarded on February 17, 1911 to the Union Machine Co.

On July 1, 1911 it was estimated that 70% of the work on this contract had been completed. During the fiscal year the work has been fully completed. A total of $10,343.70 has been paid the Contractor for the work.

CONTRACT NO. 60.—For the construction of Section "A" of the Intake Tunnel for the Pumping Station at Second and Townsend Streets. Contract awarded on April 17, 1911 to the Healy-Tibbitts Construction Co.

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On July 1, 1911 it was estimated that 13% of the work had been completed. During the fiscal year the work was fully completed and included the construction of 688 lin. ft. of 5 ft. circular reinforced concrete intake tunnel with 3 manholes placed at intervals along the line of the tunnel. This work was accepted on December 27, 1911. A total of $35,481.12 was paid the Contractor for the work.

CONTRACT NO. 61.—For the construction of Section "B" of the Intake Tunnel for the Pumping Station at Second and Townsend Streets. Contract awarded on April 7, 1911 to the Healy-Tibbitts Construction Co.

On July 1, 1911 about 9% of the work was completed. During the fiscal year the work was fully completed and included the construction of 424 lin. ft. of 5 ft. circular reinforced concrete intake tunnel, 20 feet of heavy section, together with tapered inlet and one manhole. This work was accepted on March 13, 1912. A total of $33,960.56 was paid the Contractor for the work.

CONTRACT NO. 62.—For furnishing and delivering Pig Lead. Awarded on January 2, 1911 to the Selby Smelting & Lead Co.

A total of 180.047 tons of lead were delivered at the Pipe Yard valued at $16,960.43. The Contractor was paid the amount.

CONTRACT NO. 63.—For furnishing and delivering Pig Lead. Awarded on February 21, 1912 to the Selby Smelting & Lead Co.

A total of 150.074 tons of lead were delivered at the Pipe Yard valued at $12,636.23. The Contractor was paid that amount. The work was accepted on March 27, 1912.

CONTRACT NO. 64.—For furnishing and delivering cresoted wooden duct. Awarded on March 25, 1912 to the Western Electric Co.

On July 1, 1912 the Contractor had delivered at the Pipe Yard 150,000 lin. ft. of duct and 107,543 lin. ft. of cover plank. The Contractor had not as yet received payment.

CONTRACT NO. 65.—For furnishing and delivering Pig Lead. Awarded May 1, 1912 to the Selby Smelting & Lead Co.

A total of 200.059 tons of lead were delivered at the Pipe Yard valued at $17,645.20. The Contractor was paid that amount. The work was accepted on June 12, 1912.

CONTRACT NO. 70.—For the construction of a reinforced concrete Division Wall in the Twin Peaks Reservoir. Contract awarded on August 7, 1911 to the Healy-Tibbitts Construction Co.

Under this contract was constructed a reinforced concrete division wall with buttresses. The wall is 27 feet high and 280 feet in length. The work has been fully completed and was accepted on May 31, 1912. A total of $19,500 was paid the Contractor for the work.

TESTING LABORATORY.

The testing laboratory is equipped with one Olsen Universal Testing Machine of 150,000 pounds capacity. This machine is used to test concrete, steel, brick, bronze, cast iron, etc. The laboratory is also equipped with a bending machine, together with a complete sand and cement testing outfit, also a complete laboratory fully equipped, capable of handling and testing any supplies purchased by the City such as rubber, paints, oils, metals, etc.

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The control which accurate and numerous tests give to work, is evidenced in all divisions of this Bureau, particularly in the asphalt mixtures used for wearing surfaces on the streets about the City. Tests numbering 9,040 were made at an average cost of 78 cents per test. The total expenditure for the laboratory have been $7,120.97. Each class of tests, their number and full data is given in the body of the report in tabular form.

BUREAU OF ENGINEERING

HETCH-HETCHY WATER SUPPLY—BOND ISSUE OF JULY 1, 1910.

For the past year, the work of this office has been confined to the gathering and preparation of the City's case for the Department of the Interior, and such additional work has been done as was absolutely necessary in protecting and extending the City's water rights at Hetch Hetchy, Lake Eleanor, Cherry Creek and elsewhere.

The major portion of that part of the Tuolumne River drainage area which San Francisco desires as a source of water supply, lies within the boundaries of the Yosemite National Park, which is under the jurisdiction of the Department of the Interior. Federal permission was therefore necessary (for rights of way over National Park lands, rights to remove timber, quarry rock, etc.) before any structures incident to the water supply development could be built.

After a hearing before the Department of the Interior this Federal permission was obtained May 11, 1908, being a permit issued by the Honorable James R. Garfield, then Secretary of the Interior.

The most important item of this permit was as follows:

The City and County of San Francisco was granted the right to use the Hetch Hetchy and Lake Eleanor Reservoir sites, the Lake Eleanor Reservoir and its tributary drainage area to be developed first and the Hetch Hetchy reservoir and its contributary area to be developed only when the water needs of the City should demand it.

On February 25, 1910, the Mayor and Board of Supervisors of the City and County of San Francisco received the following letter, which is self explanatory:

"Department of the Interior

Washington, D. C.
February 25, 1910.

"Gentlemen:—

My predecessor, Honorable James R. Garfield, heretofore on the 11th day of May 1908, granted a permit to the City and County of San Francisco, containing the following provisions:

The City and County of San Francisco will develop the Lake Eleanor site to its full capacity before beginning the development of the Hetch Hetchy site and the development of the latter will be begun only when the needs of the City and County of San Francisco and adjacent cities which may join with it in obtaining a common water supply, may require such further development.

This permit contemplates the contingent use of the Hetch Hetchy Valley in the Yosemite National Park as a source of water supply for the City of San Francisco.

I have just received reports from the Director of the Geological Survey and Engineers Hill and Hopson of the Reclamation Service, who were directed by me in October last to investigate and report upon the sources of water supply involved in said permit and the necessity for the retention of the Hetch Hetchy Valley within the terms thereof.

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In view of the conclusions of Director Smith, a copy of whose report is herewith attached, as to the sufficiency of the Lake Eleanor Reservoir site when fully developed, and in view of the importance of the public interests involved in this matter and the Government's obligation in connection therewith, I feel it my duty to call upon you to show cause why the Hetch Hetchy Valley and reservoir site should not be eliminated from said permit.

You are accordingly invited to submit the showing above indicated before the 1st day of May this year.

Very respectfully,

(Signed) R. A. BALLINGER, Secretary."

The Mayor and Board of Supervisors, City and County of San Francisco, California."

After several postponements, the hearing has been finally set at Washington for November 20, 1912.

An advisory Board of United States Army Engineers has been appointed to receive and review the data presented in behalf of San Francisco and the bay communities.

At the request of the Advisory Board of Army Engineers, the City is now engaged in investigating the following sources of water supply: Spring Valley Water Company's sources, Eel River, Sacramento River, Feather River, Yuba River, American-Consumnes Rivers, Mokelumne River, Stanislaus River, McCloud River, Tuolumne River.

Reports dealing with the various sources of water supply just mentioned are to be filed with the Secretary of the Interior not later than August 15, 1912.

The preparation of this data has been under the direction and supervision of Mr. John R. Freeman, Consulting Engineer of Providence, R. I.

The following engineers are assisting in the preparation of reports upon the above sources: Allen Hazen, Consulting Engineer; C. E. Grunsky, Consulting Engineer; Professor Chas. D. Marx, Civil Engineer; A. M. Hunt, Hydraulic Engineer; J. H. Dockweiler, Consulting Engineer; Cyril Williams, Civil and Hydraulic Engineer; C. E. Grunsky, Jr., Civil Engineer; W. R. Eckart, Consulting Engineer; N. A. Eckart, Civil Engineer; M. J. Bartell, Assistant City Engineer; Drenzy A. Jones, Assistant City Engineer.

These reports will be so comprehensive and voluminous that in connection with the report of the Board of Army Engineers the entire matter will be again, it is hoped, finally reviewed.

DISPOSAL OF GARBAGE—BOND ISSUE AUTHORIZED MAY 11, 1908.

Loren E. Hunt, Chief Asst. City Engineer in Charge.
Thos. W. Ransom, Consulting Engineer in Charge of Mechanical Equipment.
A. Judell, Asst. Engineer in Charge of Construction.

CONTRACT NO. 1.—For the construction of two incinerating plants, each with a capacity of 120 tons in 24 hours, one in the North Beach District and one in the Islais Creek District. Awarded on November 28, 1910 to the Destructor Company.

Immediately after the award of contract, the matter of the design of these garbage incinerators was taken up with the Destructor Co., and by the 1st of November, 1911 all of the drawings for the Islais Creek Incinerator and 90% for the North Beach Incinerator had been completed.

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At this time the Destructor Co. came forward with an improvement in the method of handling garbage, which, if adopted, would result in a saving of about $40,000 in the first cost of the proposed garbage incinerators, and a saving of about $2,000 per year in the cost of their operation.

After submitting this proposed change to the Advisory Committee of the Merchants' Association, it was decided to adopt the suggestions of the Destructor Co., and it was found necessary that the Destructor Co. should modify all of the drawings which had been submitted to this office, and that all of the drawings for both the Islais Creek and North Beach Incinerators should be made over again. This work was completed and the Destructor Co. immediately proceeded with the construction of the incinerator furnaces.

On July 1, 1912, all of the drawings for the Islais Creek Incinerator had been completed and approved by this office. The furnace frame and fittings were 90% completed, 50% of the brick for the furnaces had been purchased and the hydraulic apparatus, feeding floor, dust collectors, steam boilers and turbo-generators were under construction and about 25% completed.

On the North Beach plant the drawings had been 60% completed and the construction of the furnace frame and fittings, cranes and turbo-generators had been undertaken and about one-fourth of the brick material had been purchased and was ready for erection.

CONTRACT NO. 2.—For grading the site and setting concrete piers for the Islais Creek Incinerating Plant. Awarded on February 5, 1912 to Mercer & Fraser.

This work has been fully completed and was accepted on May 1, 1912. A total of $11,951.90 was paid the Contractor for the work.

CONTRACT NO. 3.—Section "A". For the construction of the foundations, building and chimney for the Islais Creek Incinerating Plant. Awarded on May 6, 1912 to McLean, Haggans & Aden.

90% of the foundations for the steel frame for the building had been completed and the reinforced concrete smoke stack was completed to a height of 21 feet and the reinforcing steel for this stack had been placed for a height of 31 feet, and all of the forms and scaffolding for the construction of the chimney were on the ground. The concrete in the clinker storage building was completed up to the second floor. It was estimated that about 8% of the work embraced in the contract had been finished. The value of the work on July 1, 1912 was $5,155.

Section "B."—Structural Steel. Awarded on May 6, 1912 to the Judson Manufacturing Co.

Practically all of the shop work had been completed and the delivery of the material at the site of the building had been commenced.

CONTRACTS BEING PREPARED.

CONTRACT NO. 4. Section "A".—General Contract. For the construction of a reinforced concrete and steel frame building on the west side of Taylor Street, between Bay and North Point Streets, to be known as the North Beach Incinerating Plant.

Plans and specifications are complete and waiting for specifications for additional Mechanical Equipment.

Section "B".—Structural Steel. For furnishing, erecting and painting of the structural steel for the construction of a building for the North Beach Incinerating Plant. Plans and specifications completed.

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BUREAU OF ENGINEERING—GEARY STREET MUNICIPAL RAILWAY BOND ISSUE JULY 1ST, 1910.

W. M. Larned, Assistant Engineer in charge of Construction.
T. W. Ransom, Consulting Mechanical Engineer.

The Bond Issue of July 1st, 1910, provided for the construction of an electric street railway from the Ferry Building to the Ocean via Market Street, Geary Street and Point Lobos Avenue to a point near the Cliff House, with a branch on Tenth Avenue to Golden Gate Park. The original plans contemplated the construction of a power generating station and of a power sub-station. Subsequent study of the topographical conditions, distribution of population and existing transportation facilities made by Traffic Expert Bion J. Arnold and set forth in his Preliminary Report No. 4, dated April 8th, 1912, resulted in the alteration of the route west of Thirty-third Avenue.

A comparison of the cost of generating electric power, of purchasing alternate current delivered to a sub-station and of purchasing direct current delivered to the trolley lines resulted in the elimination of the generating station and sub-station equipment and the decision to purchase direct electric current delivered to the trolley lines as the most economical arrangement for the City.

Negotiations are under way for the joint use with the United Railroads of the terminal loop at the Ferry Building, of the outer tracks and trolley line on Market Street from the Embarcadero to Sutter Street and of the trolley poles on Market Street from Sutter Street to Geary Street.

The complete plan of the Geary Street Municipal Railway, contingent upon the successful conclusion of the arrangement for joint use of the Market Street tracks and trolley, is as follows:

ROUTE:—From the Ferry Building via terminal loop and outer tracks on Market Street to Geary Street; on Geary Street to Thirty-third Avenue; on Thirty-third Avenue to Balboa Street; on Balboa Street to Forty-fifth Avenue; on Forty-fifth Avenue to Cabrillo Street; on Cabrillo Street to a terminus at the Great Highway; and on Tenth Avenue from Geary Street to a terminus at Golden Gate Park.

TRACK CONSTRUCTION:—Double track construction on the entire route west of the junction of Sutter Street and Market Street, at which point a connection is to be made to the existing outer tracks.

Rails in straight track 9-inch girder grooved section 106 lbs., in curve track 9-inch girder guard section 132 lbs. "Continuous" joint plates laid with tie plates on 6" x 8" x 8' redwood crossties on broken rock foundation 8" deep under ties. All special work except car barn turnouts of solid manganese steel construction.

PAVING:—Right of way paved with asphalt on concrete and basalt block headers grouted on concrete; except on grades exceeding 8%, where basalt block on sand pavement is required.

TROLLEY POLES:—Tubular steel poles 8⅝" diameter on the entire route west of Stockton and Geary Streets. On the first two blocks of Geary Street suspensions are attached to buildings and on Market Street the existing poles are to be used.

TROLLEY LINE:—No. 0000 grooved copper wire on the entire route west of the junction of Sutter Street and Market Street. On Market Street, east of Sutter Street the existing trolley wire will be used.

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FEEDER CABLES:—Lead sheathed cables in vitrified clay conduit laid underground in Geary Street from Kearny Street to Presidio Avenue. Weatherproof cables on cast iron crossarms on trolley poles on the entire route west of Presidio Avenue.

POWER:—Direct current at 600 volts to be purchased and delivered to the Municipal Railway feeders at Kearny Street, Broderick Street and Presidio Avenue.

EQUIPMENT:—Forty-three cars of semi-steel construction. Double-end, prepayment "California Type" with closed center and open end sections. Seating capacity 48. Power, four motors rated at sixty horsepower each at 600 volts.

BUILDINGS:—A reinforced concrete car barn with fifteen tracks and storage capacity for 60 cars at Geary Street and Presidio Avenue; containing offices, employes' room, repair shop and equipment and space for sub-station equipment.

The design and construction of the Geary Street Municipal Railway was in charge of the City Engineer until August 21st, 1911, at which time a superintendent of construction was appointed by the Board of Public Works.

October 20th, 1911, the City Engineer, by the direction of the Board of Public Works, turned over all drawings, records, material and equipment to the superintendent of construction.

January 4th, 1912, the office of superintendent of construction was vacated.

February 9th, 1912, by order of the Board of Public Works, all drawings, records, materials and equipment were turned over to the City Engineer, who was again put in charge of the work and has remained in charge to the present time.

PROGRESS OF WORK.

The following work has been done or is in progress:

CONTRACT NO. 1.—For furnishing and delivering 2,500 gross tons of 106 lbs. steel grooved girder rails and 75 gross tons of 119 lbs. steel guard rails. Awarded to the Pennsylvania Steel Company, November 30th, 1910 at $34.25 per gross ton of grooved girder rails and $44.25 per gross ton of guard rails. The contract provides that not more than 10% of the rails may fail to meet a certain test requirement and be classed as No. 2 rails at a reduction in price of $2.00 per gross ton. To assure prompt delivery of guard rails, and at the same time obtain rails of a superior section at no additional cost, the contractors were authorized to substitute 132 lbs. section, for which they had facilities for immediate production, at the same price per foot as the 119 lbs. section specified.

83.526 gross tons of 132 lbs. guard rail, 2332.759 gross tons of No. 1 girder rail and 167.56 tons of No. 2 guard rail were delivered and accepted June 9th, 1911.

A total of $88,616.98 was paid to the Contractor.

CONTRACT NO. 2.—For furnishing and delivering 2,800 pairs of steel continuous joint plates and 150 pairs of steel channel joint plates, all with bolts, nuts and lock washers. Awarded to the Rail Joint Company, March 17th, 1911, at $6.10 per pair of continuous joint plates and $5.70 per pair of channel joint plates. All material was delivered and the work accepted July 17th, 1911.

A total of $17,935.00 was paid the Contractor.

CONTRACT NO. 3.—For furnishing and delivering 4,500 copper rail bonds 11⅞" long, 4,500 copper rail bonds 9⅞" long, 500 copper rail bonds 5' 6" long, 200 copper rail bonds 7' long and 500 socket terminals. Awarded to Eccles and

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Smith Company, March 17th, 1911 at $39.25 per hundred 11⅞" bonds, $37.00 per hundred 9⅞" bonds, $112.00 per hundred 5' 6" bonds, $135.00 per hundred 7' bonds and $32.25 per hundred socket terminals. All material was delivered and accepted August 21st, 1911.

A total of $4,422.50 was paid to the Contractor.

CONTRACT NO. 4.—For furnishing and delivering 42,500 pounds of 4/0 grooved trolley wire and 6,000 pounds 4/0 round copper wire. Awarded to the Standard Underground Cable Company, March 17th, 1911 at $14.07 per hundred pounds.

42,669 pounds of grooved trolley wire and 6,022 pounds of round wire were delivered and accepted July 12th, 1911.

A total of $6,850.83 was paid to the Contractor.

CONTRACT NO. 5.—For furnishing and delivering track special work, viz., 7 double electric double electric crossings, 2 double electric double cable crossings, 11 cross-overs, 1 double branch-off, 2 single branch-offs, all of solid manganese steel construction; 5 3-track group branch-offs of cast steel construction with manganese centers. Awarded to the Pennsylvania Steel Company, May 12th, 1911 for $45,713.00.

All of the work was delivered and accepted April 1st, 1912. A total of $45,713.00 was paid to the Contractor.

CONTRACT NO. 6.—For furnishing and delivering tubular steel trolley poles, 260 28-ft. long and 270 30-ft. long. Awarded to the National Tube Company, April 7th, 1911 at $28.16 and $29.90 each respectively.

380 28ft. poles and 270 30-ft. poles were delivered and accepted September 6th, 1911.

A total of $18,773.80 was paid to the Contractor.

CONTRACT NO. 8.—For furnishing and delivering 30,000 redwood cross-ties. Awarded to Julius Heyman at $60.32 per hundred first-class ties and $55.32 per hundred for second-class ties.

28,790 first-class ties and 1,235 second-class ties were delivered and were accepted July 31st, 1911.

A total of $18,049.32 was paid to the Contractor.

CONTRACT NO. 9.—For furnishing and delivering 60,000 tie plates. Awarded May 1st, 1911 to Eccles and Smith Company at $11.50 per hundred tie plates.

60,000 tie plates were delivered and were accepted September 6th, 1911.

A total of $6,900.00 was paid to the Contractor.

CONTRACT NO. 10.—For furnishing and delivering 34 tons of steel tie rods and nuts. Awarded March 17th, 1911 to Payne Bolt Works at $59.50 per ton of 2,000 lbs.

33.995 tons of tie rods and nuts have been delivered to date.

CONTRACT NO. 11.—For furnishing and delivering 43 double end prepayment "California Type" motor cars complete, and four extra trucks complete with axles, wheels and motors. Awarded May 20th, 1912 to W. L. Holman Company for the sum of $337,100.00.

Approval plans showing steel body bolster, Brill No. 27 G. E., 1 motor truck and ceiling plan of car have been received. 86 Crouse Hind headlights, 86 Eclipse life guard fenders, 688 Hale & Kilburn No. 199A rattan covered walk-over seats, 86 Hale & Kilburn longitudinal seats, 946 side curtains, 86 vestibule curtains, 43 Sterling-Meaker No. 16 double registers and 86 Ideal trolley catchers have been ordered.

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CONTRACT NO. 12.—For furnishing and delivering 350 200-lb. kegs of rail spikes. Awarded April 24th, 1911 to the Judson Manufacturing Company at $2.30 per hundred pounds. On account of delay on the part of the Contractor in furnishing spikes, enough for immediate requirements were purchased in the local market. The balance of the spikes, 60,000 lbs. net, were furnished at a reduced price, viz., $2.2562 per hundred pounds. The material was accepted November 9th, 1911, and a total of $1,353.70 paid to the Contractor.

CONTRACT NO. 13.—Hauling Steel Rails. Awarded February 17th, 1911 to McNab & Smith Draying Company at $2.00 per ton of 2,000 lbs. The work was completed and accepted in June, 1911.

A total of $5,247.75 was paid to the Contractor.

CONTRACT NO. 16.—Hauling and piling redwood cross-ties. Under direction of the Board of Public Works.

Work completed in August, 1911 at a cost of $1,568.70.

INSTALLING TROLLEY POLES AND TROLLEY WIRE:—On Geary Street, between Kearny Street and Thirty-third Avenue and on Tenth Avenue, between Geary Street and Fulton Street. By day labor, Patrick Broderick, Superintendent of Construction.

Work begun June, 1911. Completed May, 1912 at a cost of $27,951.73.

TRACK CONSTRUCTION:—On Geary Street, between Fifth Avenue and Thirty-third Avenue, and on Tenth Avenue, between Geary Street and Fulton Street. By day labor, Patrick Broderick, Superintendent of Construction.

Begun July, 1911. Completed May, 1912, at a cost of $99,527.24.

PAVING RIGHT OF WAY:—On Geary Street, between Fifth Avenue and Thirty-third Avenue, and on Tenth Avenue, between Geary Street and Fulton Street. By day labor. Patrick Broderick, Superintendent of Construction.

Work begun October, 1911. 99½% completed July 1st, 1912, at a cost of $54,863.79.

CONTRACT NO. 14.—Furnishing and laying asphalt wearing surface on right-of-way, on Geary Street, between Fifth Avenue and Thirty-third Avenue, and on Tenth Avenue, between Geary Street and Fulton Street. Awarded October 25th, 1911 to the City Street Improvement Company.

The work was completed and accepted March 27th, 1912, and a total amount of $8,634.03 paid to the Contractor.

CONTRACT NO. 17.—Track construction on Geary Street, between Kearny Street and Fifth Avenue, including the removal of cable railway structures, installation of special work and car barn branch-offs and paving right-of-way. Awarded April 19th, 1912 to P. H. Mahoney for the estimated sum of $253,-695.00. P. H. Mahoney assigned the contract to Mahoney Brothers.

The estimated value of the work completed July 1st, 1912 is $62,658.00. The total amount paid to the Contractor July 1st, 1912 is $9,834.00.

CONTRACT NO. 19.—For the construction of building for car house, substation and offices, at the northwest corner of Presidio Avenue and Geary Street. Awarded June 19th, 1912 to F. Rolandi for the sum of $210,000.00.

On July 1st, 1912, the contract was not yet signed.

CONTRACT NO. 20.—Sub-station equipment. Proposals received May 1st, 1912, the lowest being that of the Westinghouse Electric & Manufacturing Company, amount $68,900.00. All bids were rejected May 20th, 1912 on account of it having been decided more economical to purchase direct current delivered to the trolley lines.

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CONTRACT FOR FURNISHING AND DELIVERING ALTERNATE ELECTRIC CURRENT:—Delivered to a sub-station. Proposals received May 17th, 1912, the lowest being that of the Pacific Gas & Electric Company, 85c per kilowatt hour.

All bids rejected May 20th, 1912.

CONTRACT FOR FURNISHING AND DELIVERING DIRECT ELECTRIC CURRENT:—Awarded to the Pacific Gas and Electric Company at 1c per kilowatt hour. Contract entered into May 29th, 1912.

CONTRACTS IN PREPARATION.

CONTRACT NO. 18.—For furnishing and installing underground conduit for electric power transmission. Plans and specifications 70% completed.

CONTRACT NO. 21.—For furnishing and installing electric power conductors and appurtenances. Plans and specifications 50% completed.

CONTRACT NO. 22.—For furnishing and delivering track special work for extensions west from Thirty-third Avenue and east from Kearny Street. Plans and specifications 20% completed.

CONTRACT NO. 30.—For track construction for extensions east from Kearny Street. Plans and specifications 20% completed.

MISCELLANEOUS CONTRACTS.

Loren E. Hunt, Chief Asst. City Engineer in Charge.
A. Judell, Asst. Engineer in Charge of Construction.

For the construction of the northerly portion of the Mission Street Viaduct and earth filled approach between Bosworth Street and the easterly line of Springdale Street.

Contract awarded on April 29, 1911 to the Healy-Tibbitts Construction Co. The work under this contract included the removal of 17,600 cu. yds. of material, moulding and driving 295 reinforced concrete piles for foundation and placing 4,064 cu. yds. of concrete and 299 tons of reinforcing steel; also the construction of a temporary wooden trestle around the viaduct for the purpose of carrying the traffic during its construction. On July 1, 1911 about 3% of this work had been completed and on July 1, 1912 the work was estimated as being approximately 94% completed, having a value of $97,879.19.

For the construction of the southerly portion of the Mission Street Viaduct and earth filled approach between Marshall Street and the easterly line of Springdale Street.

Contract awarded on May 25, 1910 to the Keystone Construction Co. and included in addition to the construction of the viaduct, the construction of sewers and appurtenances in Mission Street from Silver Avenue to a point 288 feet southerly from Bosworth Street. The details of this portion of the work are given under Contract No. 32 of the Sewer System, Bond Issue of 1908. On July 1, 1911 it was estimated that the work was 18% completed. During the past year the work has been nearly completed and included the removal of 15,000 cu. yds. of material; moulding and driving of 479 reinforced concrete piles for foundation; placing of 4,205 cu. yds. of concrete and 263 tons of reinforcing steel; also the construction of a temporary wooden structure around the viaduct for the purpose of carrying the traffic during the construction. On July 1, 1912 the work was estimated as being 90% completed, having a value of $90,726.43.

For the construction of the Richland Avenue Bridge over the Southern Pacific tracks between Richland Avenue and Miguel Street.

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Contract awarded on January 13, 1911 to F. Rolandi. Under this contract was constructed a steel plate girder bridge with wooden floor and supports, having a concrete abutment at each end with two intermediate latticed steel columns on concrete supports. This work was accepted on November 10, 1911. A total of $9,622.84 was paid the Contractor for the work.

For street and other improvements in Beale Street, between Folsom and Bryant Streets.

Contract awarded on January 19, 1911 to Foster & Vogt and assigned to Willett & Burr on July 31, 1911. The work under this contract included the excavation and disposal of material made necessary on account of the changes in official grade of the street, the furnishing and setting of stone curbs and the furnishing and erecting of a steel bridge with a paved roadway with stone curbs and sidewalks on concrete piers and abutments at the crossing of Harrison Street. The contract price for the work was $87,956.65, $31,997 being for the bridge. On July 1, 1912 the street had been excavated to grade and the material disposed of. The bridge was estimated as being 56% completed. The east abutment was completed, while the west abutment was rapidly nearing completion. The structural steel being assembled in the East, was expected within a short time. The value of the work on July 1, 1912 was $65,000.

DIVISION OF SURVEYS.

CHAS. H. HOLCOMB, ASSISTANT ENGINEER IN CHARGE

Surveys for private property lines and public improvements are shown in Table No. 2.

Surveys for the restoration of Monument, Street and City property lines are shown on the accompanying map, covering about 350 lineal miles. One hundred and twenty-eight (128) miles of precise levels have been run establishing and checking 2,283 permanent benches.

A new official grade book is being compiled, giving official grades of the entire City and re-arranging in alphabetical order the new names of streets, as adopted by the Board of Supervisors.

A finished map of a portion of the Market Street Homestead (that part most populated) extending from 18th to Romain Streets, and from Douglas Street to a line west of Stanyan Street, was finished August 4, 1911, and ratified by the Board of Supervisors. The field work of the remaining portion, extending to 26th Street, is finished, and a map of the entire tract is under way and will be completed and ready for ratification by the Supervisors in about two months.

Seventy-five blocks or squares in the vicinity of the World's Fair Site in the Western Addition between Larkin and Baker Streets and North Point and Greenwich Streets have been re-surveyed and maps of same are being prepared for ratification by the Board of Supervisors.

The County line between San Francisco and San Mateo Counties has been re-surveyed and a map of same compiled, showing the intersection of all streets and the exact distance and angle from the County line to the nearest cross streets.

The field work of the re-survey of the Excelsior Homestead, covering 373 block frontages, is finished and a map of same is being compiled for ratification by the Board of Supervisors.

The West End Homestead, Syndicates and Bernal Homestead Association have been re-surveyed and map of same is being compiled.

A survey covering seven squares in the Railroad Homestead, sufficient to determine the correct line of San Jose Avenue, has been completed.

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Contract Number.
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The survey of the monument lines of the Sunnyside tract is completed, and granite stone monuments placed in the streets to definitely mark and define the street lines.

A re-survey of the streets adjacent to the intersection of Railroad Avenue and Kentucky Street, to determine the true angle and exact point of intersection of Railroad Avenue and Kentucky Street, and adjacent streets, is under way.

The survey defining and monumenting the true position and alignment of the streets in the Potrero District, south of 16th Street between Potrero Avenue and Mississippi Street, is under way but will not be finished for some time.

The survey of the proposed extension of Sutter, Bush and Post Streets, from Presidio to Parker Avenues, was finished and submitted to the Board of Supervisors on June 27, 1912.

Topographical surveys have been made to determine the route of the proposed tunnel under Twin Peaks. Surveys defining the lines of the land to be acquired for the extension of Market Street from its present termination to the easterly line of Eureka Street have been completed, and maps are being prepared giving names of owners and exact dimensions of lots to be acquired.

Surveys defining the lines of Market Street and all street intersections between McCoppin and Seventeenth Streets, for the purpose of tunnel construction, are under way.

The current work, including lot surveys for private owners and municipal departments, surveys for street work, public and private, surveys for the Board of Supervisors, Board of Public Works, Board of Education, Playgrounds Commission, City Architect, City Attorney, Building Inspectors, Superintendent of Public Buildings, etc., have been kept up without complaint or delays.

PRECISE LEVELS

Precise levels have been run, bench marks established or checked during the fiscal year ending June 30, 1912, as follows:

Fifty Vara	255	B. M.s
One Hundred Vara	563	"
Mission	340	"
Horner's Addition	75	"
Potrero	113	"
Richmond	220	"
Sunset	108	"
Western Addition	609	"
Total	2,283	"
Total blocks covered	1,242	"
Total crossings covered	823	"
Total miles of levels	128	"

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RECEIPTS OF CITY ENGINEER'S OFFICE—STREET AND LOT SURVEYS, 1911-1912.

Fees for surveying streets and lots were received and delivered to the City and County Treasurer, as follows:

	Street Surveys.	Lot Surveys.
1911—July	$1,585.75	$ 79.10
Aug.	1,629.75	202.50
Sept.	1,273.50	50.00
Oct.	1,663.00	100.00
Nov.	1,992.25	115.10
Dec.	1,732.00	88.00
1912—Jan.	2,142.00	206.25
Feb.	1,958.50	205.00
Mar.	1,676.50	167.50
April	1,879.75	192.50
May	1,740.75	144.50
June	1,690.00	127.50
Total	$20,963.75	$1,627.95

Street Surveys	$20,963.75
Lot Surveys	1,627.95
Total	$22,591.70

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WORK PERFORMED FROM JUNE 30, 1911 TO JULY 1, 1912 BY THE BUREAU OF ENGINEERING—DIVISION OF SURVEYS.

	Streets and Public Improvements								Property Lines and Grades		
	Blocks		Crossings		Intersections		Linear Feet				
	Lines	Levels	Lines	Levels	Lines	Levels	Lines	Levels	Lines	Grades	Lin. Ft.
Public Contracts	70	70	55	55	13	13	37,880	37,880			
Private Contracts	917	917	222	222	44	44	436,743	436,743			
Private Property	.....	.....	.....	.....	.....	.....	.....	.....	69	5	22,521
Division of Surveys	384	470	241	208	33	40	164,844	282,034	.....	.....	.....
Division of Sewers	89	143	13	15	12	15	37,606	51,204	.....	.....	.....
Division of Street Rep.	72	58	32	27	1	1	28,059	26,149	.....	.....	.....
Board of Public Works	151	359	151	90	6	5	92,067	225,567	7	4	6,160
Board of Supervisors	1	1	.....	.....	.....	.....	400	400	.....	.....	.....
Board of Health	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2,810
Board of Education	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	196
City Architect	2	2	.....	.....	.....	.....	.....	.....	13	11	7,243
City Attorney	5	5	.....	.....	.....	.....	1,875	1,875	1	1	4,000
Play Ground Comm.	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2,860
Police Dept.	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1,500
Supt. of Relief Home	.....	.....	.....	.....	.....	.....	.....	.....	1	1	200
Total	1,691	2,025	714	617	109	118	799,874	1,064,579	96	22	45,057

799,874
1,064,579
45,057

Total .....1,909,510 Linear feet.
Total ..... 361.65 miles.

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CURRENT WORK.

STREET AND SEWER CONSTRUCTION—FISCAL YEAR 1911-1912.

During the fiscal year 1911-1912, the total cost of permanent improvements done under public and private contracts was $1,464,363.21. This work was performed under 544 private contratcs and 149 public contracts and is divided between these two classes of work as follows:

SEWERS.

Public Contracts	14,095.46 lin. ft.	$ 42,117.91
Private Contracts	99,513.39 lin. ft.	324,628.96
Total	113,608.85 lin. ft.	$366,746.87

or 21.516 miles of sewers, including appurtenances, manholes, drains, wyes, etc., (Bond issue sewers not included and previously reported.) The summaries of this work are shown in the appended tables.

PAVING.

Paving, excluding temporary broken rock pavements and wooden curbs cost as follows:

Public Contracts.

Pavements (permanent) 175,131.82 square feet	$46,210.73
Curbs, 8,209.16 lineal feet	8,669.48
Gutters, 375.76 square feet	183.60
Sidewalks, 75,188.29 square feet	12,256.48
Grading, Coping	6,933.40
Total	$74,253.69

Private Contracts.

Pavements (permanent) 2,727,587.69 square feet with gutters, sidewalks and grading $1,023,362.65

These expenditures are given in the appended tables and are shown in greater detail upon the records of this Bureau.

TOTAL VALUE PERMANENT IMPROVEMENTS— FISCAL YEAR 1911-12.

PUBLIC CONTRACTS.

Class	Lin. Ft.	Sq. Ft.	Cost
Pavements		175,132.82	$ 46,210.73
Curbs	8,209.16		8,669.48
Gutters		375.76	183.60
Sidewalks		75,188.29	12,256.48
Sewers (Inc. Appurten.)	14,095.46		42,117.91
Grading			6,933.40
Total			$116,371.60

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PRIVATE CONTRACTS.

Class	Lin. Ft.	Sq. Ft.	Cost
Pavements (permanent)		2,727,587.69	$ 765,951.30
Curbs	157,276.95		184,171.02
Gutters		27,887.10	12,240.16
Sidewalks		393,658.62	28,531.98
Concrete Coping	1,016		508.05
Grading			31,960.14
Sewers	99,513.39		324,628.96
Total			$1,347,991.61

Total Public Contracts	$ 116,371.60
Total Private Contracts	1,347,991.61
Grand Total	$1,464,363.21

SUMMARY OF TEMPORARY AND PERMANENT PAVEMENTS—FISCAL YEAR 1911-1912.

PRIVATE CONTRACTS.

Class	Sq. Ft.	Lin. Ft.	Cost
Asphalt	1,167,624.96		$309,663.08
Bituminous	1,022,625.29		271,639.32
Bituminous With Basalt Block	173,121.15		45,782.01
	77,627.83		28,862.85
Basalt Blocks on sand	204,050.32		78,998.34
Basalt Blocks on conc.	68,641.26		27,456.48
Cobbles	14,196.88		3,549.22
Macadam	33,625.00		2,353.73
Broken Rock	949,954.63		70,974.49
Totals	3,711,167.32		$839,279.54

CURBS.

Class	Sq. Ft.	Lin. Ft.	Cost
Granite (New)		126,863.38	$170,542.66
Granite (Redressed)		946.90	287.30
Granite (Relaid)		854.70	525.20
Redwood		28,612.02	12,815.86
Concrete Coping		1,016.10	508.05
Totals		158,293.05	$184,679.07

GUTTERS.

Class	Sq. Ft.	Lin. Ft.	Cost
Basalt Block	27,887.10		$ 12,240.16

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SIDEWALKS.

Class	Sq. Ft.	Lin. Ft.	Cost
Artificial Stone	57,043.80		$ 10,352.44
Broken Rock	330,965.82		17,897.19
Macadam	5,649.00		282.35
Totals	393,658.62		$ 28,531.98

GRADING.

Cut	$15,632.82
Fill	16,327.32
Total	$31,960.14

PUBLIC CONTRACTS.

PAVEMENTS.

Class	Sq. Ft.	Lin. Ft.	Cost
Asphalt	80,109.00		$ 20,274.68
Bituminous	72,436.51		19,725.47
Bituminous	13,998.61		3,632.33
With			
Basalt Block	6,487.70		2,294.25
Basalt Blocks	7,652.96		2,865.32
Cobbles			
Macadam	2,100.00		284.00
Broken Rock	54,879.70		3,517.84
Totals	237,664.48		$ 52,593.89

CURBS.

Class	Sq. Ft.	Lin. Ft.	Cost
Granite (New)		5,740.06	$ 7,590.06
Granite (Redressed)		326.90	218.14
Granite (Relaid)		68.00	68.00
Redwood		2,074.20	793.28
Totals		8,209.16	$ 8,669.48

GUTTERS.

Basalt Block	375.76		$183.60

SIDEWALKS.

Artificial Stone	65,067.29		$ 11,897.77
Artificial Stone (Recons'td)	660.50		105.68
Broken Rock	9,460.50		253.03
Totals	75,188.29		$ 12,256.48

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SEWERS AND APPURTENANCES—FISCAL YEAR 1911-1912.

PRIVATE CONTRACTS.

Class.	No.	Lin. Ft.	Cost.
Storm Water Inlets	18		$ 1,120.00
Catch Basins (New)	140		14,271.50
Catch Basins (Rebuilt)	15		650.00
Culverts		3487.10	5,267.40
Manholes	431		46,089.25
Lampholes	11		415.00

SEWERS.

8″ I. S. Pipe		54,123.86	$121,019.36
8″ Y Banches	3,283		5,402.11
10″ I. S. Pipe		148.00	487.30
10″ Y Branches			
12″ I. S. Pipe		18,897.91	46,693.11
12″ Y Branches	971		1,490.73
15″ I. S. Pipe		7,898.13	21,605.44
15″ Y Branches	295		1,428.96
18″ I. S. Pipe		11,583.20	37,962.57
18″ Y Branches	508		995.88
21″ I. S. Pipe		1,724.19	8,137.10
21″ Y Banches	45		172.00
24″ I. S. Pipe		1,701.00	9,393.00
24″ Y Branches	96		432.00
		99,513.39	$323.027.71
City Portion (Including various small jobs in front of City Prop)			1,601.25
Total			$324,628.96

SEWERS AND APPURTENANCES FISCAL YEAR 1911-1912.

PUBLIC CONTRACTS.

Class.	No.	Lin. Ft.	Cost.
Catch Basins (New)	26		$ 2,468.00
Catch Basins (Rebuilt)	16		850.00
Culverts		1,222.00	1,951.86
Manholes	67		4,818.00
Lampholes	3		113.00

SEWERS.

8″ I. S. Pipe		5,234.66	$ 8,731.75
8″ Y Branches	281		327.00
10″ I. S. Pipe		30.00	30.00
10″ Y Branches			
12″ I. S. Pipe		1,454.10	3,378.85
12″ Y Branches	34		49.20

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Class.	No.	Lin. Ft.	Cost.
15" I. S. Pipe		1,638.00	3,715.90
15" Y Branches	69		152.05
18" I. S. Pipe		1,114.80	2,745.11
18" Y Branches	48		177.00
21" I. S. Pipe		1,369.00	4,244.91
21" Y Branches	55		186.20
24" I. S. Pipe		2,032.90	7,887.08
24" Y Branches	68		292.00
		14,095.46	$42,117.91

GRADING.

Cut	$5,722.46	
Fill	1,210.94	
Total		$6,933.40
Grand Total		$49,051.31

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CASHIER'S REPORT

To the Honorable, The Board of Public Works,

Of the City and County of San Francisco.

Gentlemen:—I submit herewith the Annual Report of the Cashier's Office for the fiscal year 1911-1912, showing amount of moneys received from Fees, Permits, Deposits, etc., and total amount of disbursements during the same period.

Also Comparative Statement, showing cash receipts for the past eleven years, beginning July 1st, 1901 to and inclusive of June 30, 1912.

Respectfully submitted,

J. T. DONAHUE,
Cashier, Board of Public Works.

ANNUAL STATEMENT OF CASHIER, BOARD OF PUBLIC WORKS, FOR FISCAL YEAR ENDING JUNE 30, 1912.

J. T. DONAHUE, Cashier.

Showing Total Amount of Moneys Received from all Sources from July 1st, 1911, to and Inclusive of June 30th, 1912.

Permits Issued.	RECEIPTS.	
2,254	From Street Space Permits	$ 53,585.00
658	From Sidewalk Permits	13,280.00
165	From Sub-sidewalk Permits	18,238.50
46	From House Moving Permits	1,790.00
2,452	From House Building Permits (Fees)	31,158.40
Receipts Issued.		
2,122	From Side Sewer Deposits (2,374 Sewers)	92,098.15
120	From Balance due on 120 Sewers, underestimated	2,636.00
726	From Bureau of Engineering, fees collected for Surveys, etc.	22,591.70
152	From Advertising Charges	5,408.60
2,258	From Municipal Water Works	3,592.58
1	From Miscellaneous	226.90
10,954	Total	$244,605.83

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DEPOSITS.

With the City and County Treasury During the Fiscal Year Ending June 30, 1912 (as per Receipts.)

To the Credit of—

Special Permit Fund	$ 85,103.50
Tearing Up Streets Fund	94,734.15
House Moving Fund	1,790.00
General Fund	31,385.30
Unapportioned Fee Fund	22,591.70
Advertising Fund	5,408.60
Water Works Fund	3,592.58
Total	$244,605.83

The foregoing statement does not include moneys received in the Cashier's Office and deposited with the City and County Treasurer in Special Funds, for Assessments paid by property owners for the "Widening and Opening of North Stanyan Street from Fulton to McAllister" ($6,420.29); and the "Opening of Stanyan Street from McAllister to Turk" ($10,989.07).

Total Amount Paid—$17,409.36.

The sum of $39.05 was collected from H. L. Hatch on January 25th, 1912, and deposited in the City and County Treasury to the credit of the "Geary Street Railway" Fund for damage to trolley wires in moving a building.

The sum of $200.00 was deposited in the City and County Treasury on December 11, 1911 in the "General Fund" same being amount collected by the Board of Public Works for damage to the Third Street Bridge.

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STATEMENT OF CASHIER, BOARD OF PUBLIC WORKS, SHOWING TOTAL CASH RECEIPTS FROM ALL SOURCES (BY MONTHS) FROM JULY 1, 1911 TO AND INCLUSIVE OF JUNE 30, 1912.

	Street Space Sidewalk Sub-Sidewalk	Side Sewer Deposits	Balances Side Sewers	House Moving Permits	House Building Permits	Bureau of Engineering	Advertising Charges	Municipal Water Works	Total
1911—July	$ 8,840.50	$ 6,820.00	$ 52.50	$ 180.00	$ 2,931.20	$ 1,664.85	$ 119.90	$ 318.45	$20,927.40
August	5,555.00	14,851.50	66.75		2,761.60	1,832.25	798.15	273.20	26,138.45
September	6,255.00	6,222.75	186.25		2,323.60	1,323.50	525.10	294.90	17,131.10
October	6,630.00	9,950.00	609.25	80.00	2,087.60	1,763.00	729.70	278.90	22,128.45
November	7,570.00	6,740.40	351.30	130.00	2,378.40	2,107.35	660.10	316.15	20,253.70
December	3,975.00	6,081.45	244.65	220.00	1,747.20	1,770.00	535.90	252.50	14,826.70
1912—January	5,225.00	5,944.40	688.85	50.00	2,278.40	2,348.25	769.20	286.95	17,591.05
February	9,945.00	6,465.00	99.85	270.00	2,551.60	2,163.50	263.50	283.45	22,041.90
March	7,380.00	6,605.00	5.30	50.00	3,097.20	1,844.00	154.15	317.25	*19,679.80
April	8,930.00	7,271.90	52.05	110.00	2,821.20	2,072.25	266.25	336.05	21,859.70
May	8,327.00	7,235.75	114.75	400.00	3,402.80	1,885.25	244.80	315.75	21,926.10
June	6,471.00	7,910.00	164.50	300.00	2,777.60	1,817.50	341.85	319.03	20,101.48
Total	$85,103.50	$92,098.15	$ 2,636.00	$ 1,790.00	$31,158.40	$22,591.70	$ 5,408.60	$ 3,592.58	$244,605.83

* Includes $226.90 paid by City Street Improvement Co., March 28, 1912 for repairs on 16th Avenue from Lake Street northerly.

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DISBURSEMENTS.

During Fiscal Year Ending June 30, 1912, by Demands drawn on the City and County Treasurer by Cashier, Board of Public Works.

SPECIAL PERMIT FUND.

Demands		
2,288	Street Space Permits (Deposits Refunded)	$ 54,680.00
687	Side Walk Permits (Deposits Refunded)	13,840.00
142	Sub-sidewalk Permits (Deposits Refunded)	15,768.00
3,117	Demands issued, amounting to	$ 84,288.00

HOUSE MOVING FUND.

39	Demands issued for refund of Deposits for House Moving Permits	$ 1,630.00

TEARING UP STREETS FUND.

449	Wages of Side Sewermen	$ 35,278.50
48	Inspector and Timekepers' Salaries and Buggy Hire	5,030.00
20	Teaming	2,570.70
46	Materials and Tool Sharpening	1,241.28
16	Restoring Pavement over Side Sewer Trenches	13,667.54
1,992	Unexpended balances of Side Sewer Deposits	29,542.20
2,571	Demands issued, amounting to	$ 87,330.22

RECAPITULATION.

Demands Issued.		
3,117	Special Permit Fund	$ 84,288.00
39	House Moving Fund	1,630.00
2,571	Tearing Up Streets Fund	87,330.22
5,727	Total	$173,248.22

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STATEMENT OF DISBURSEMENTS FROM THE "TEARING UP STREETS" FUND, FOR THE FISCAL YEAR ENDING JUNE 30, 1912, BY CASHIER, BOARD OF PUBLIC WORKS.

	Unexpended Balances	Materials, etc.	Paving	Teaming	Inspection and Buggy Hire	Wages of Side Sewermen	Total
1911—July	$ 2,971.85	$ 75.57	$ 1,448.61	$ 215.30	$ 440.00	$ 2,466.50	$ 7,617.83
August	1,538.00	154.84		227.50	440.00	3,379.00	5,739.34
September	2,106.80	30.50	615.08	215.30	440.00	2,980.00	6,387.68
October	2,126.35	162.50	1,586.76	225.85	440.00	3,289.00	7,830.46
November	1,907.50	73.72	932.75	221.00	440.00	3,367.00	6,941.97
December	3,313.25	165.86	666.20	280.75	440.00	3,161.00	7,977.06
1912—January	2,066.70	99.22	2,865.54	224.25	440.00	2,394.00	8,089.71
February	1,956.85	80.91	1,485.10	217.75	390.00	2,999.50	7,130.11
March	3,689.10	104.24	1,259.70	201.50	390.00	2,419.50	8,064.04
April	2,082.25	65.42	809.15	195.00	390.00	2,937.00	6,478.82
May	4,021.50	94.68	1,063.95	201.50	390.00	3,011.50	8,783.13
June	1,762.05	133.82	934.70	195.00	390.00	2,874.50	6,290.07
Total	$29,542.20	$ 1,241.28	$13,667.54	$ 2,570.70	$ 5,080.00	$35,278.50	$87,380.22

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COMPARATIVE STATEMENT.

OF MONEYS RECEIVED BY CASHIER, BOARD OF PUBLIC WORKS FOR PERMITS, FEES, ETC., FISCAL YEARS 1901-2 TO 1911-12 INCLUSIVE.

Fiscal Year	Street Space Sidewalk, Sub-Sidewalk	Side Sewer Deposits	Balances Side Sewer	House Moving Permits	Adv. Charges	House Building Permits	Bureau of Engineering	Chimney Insp.	Municipal Water Works	Miscellaneous	Total.
1901-2	$ 32,645.00	$ 29,284.85	In. in dep.	$ 3,225.00	$ 121.55	$ 14,411.00	$ 11,306.25	.....	.....	$ 256.85	$ 91,250.50
1902-3	51,975.00	51,010.00	$ 3,884.91	3,555.00	1,068.00	17,793.00	14,120.75	.....	.....	578.76	143,985.42
1903-4	59,145.00	65,961.50	1,894.65	3,855.00	2,008.35	21,339.50	17,192.00	.....	.....	141.30	171,537.30
1904-5	73,995.00	76,831.00	2,486.89	3,135.00	3,620.70	23,856.00	22,910.50	.....	.....	1,046.00	206,881.09
1905-6	51,285.00	67,834.15	In. in dep.	3,130.00	2,183.50	22,620.50	19,769.75	$52,313.00	.....	.....	219,135.90
1906-7	58,870.00	119,592.05	1,241.00	1,920.00	1,733.10	107,534.50	17,158.50	33,861.00	.....	2,211.67	344,121.82
1907-8	49,150.00	126,396.05	4,467.12	1,345.00	5,519.35	52,024.00	18,540.10	*131.00	.....	3,066.60	260,639.22
1908-9	101,896.00	115,110.00	2,983.68	1,725.00	3,414.15	51,381.00	20,985.65	.....	.....	322.25	297,817.73
1909-10	101,821.25	89,224.13	3,478.97	2,890.00	4,294.80	37,061.10	23,960.75	.....	$1,920.20	.....	264,651.20
1910-11	82,931.50	77,601.72	1,572.45	1,650.00	2,928.55	28,450.70	24,459.50	.....	3,545.35	.....	223,139.77
1911-12	85,103.50	92,098.15	2,636.00	1,790.00	5,408.60	31,158.40	22,591.70	.....	3,592.58	226.90	244,605.83
Total	$748,817.25	$910,943.60	$24,645.67	$28,220.00	$31,300.65	$407,629.70	$212,995.45	$86,305.00	$9,058.13	$7,850.33	$2,467,765.78

* Bureau of Chimney Inspection abolished September 30, 1907.

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LIGHT AND WATER INSPECTION

San Francisco, Cal., September 17, 1912.

To the Honorable Board of Public Works,
City and County of San Francisco.

Gentlemen:—I have the honor to file herewith a report upon the operations of the Bureau of Light and Water for the fiscal year ending June 30, 1912.

The report will be very incomplete for the reason that when the writer took charge of the Bureau, on March 1, this year, there was to be found nothing to show prior transactions, with the exception of water meter tests, a record of which had been kept. Nothing was found to indicate the number of gas meter tests, or the number and results of tests made to determine heat values, candle power, etc. of gas.

WATER INSPECTION SERVICE.

With reference to the water supply the duties of the Bureau are: (1) To test consumers' meters, and to adjust disputes as to charges arising between consumers and water company. (2) To investigate complaints of consumers as to the state and quality of water supplied. Wherever defective conditions of this kind have been found to exist, they have been followed up and, where possible, remedied.

The number of water meters tested on request of consumers from July 1, 1911 to February 28, 1912, was..... 249

From that date to the end of fiscal year the number tested was..... 144

Total 393

Of the number tested during the latter period:

52 registered correctly.
63 registered "fast".
26 registered "slow."
3 failed to register.

The average percentage of error of the "fast" meters was..... 1.7

The average percentage of error of the "slow" meters was..... 2.5

Since the reorganization of the staff of the Bureau practically all of the school meters have been tested.

Quite a number of complaints have been received from consumers in different parts of the city that the water supplied them contained impurities or sediment of different kinds. All of these complaints have been called to the attention of the water company who have had their mains in such locality "blown" out, and this operation has been continued until the water again became clean.

GAS AND ELECTRIC SERVICE.

Gas inspection service has consisted in (1) testing consumers' meters and (2) taking heat values, candle power and pressure records.

From March 1 to June 30, the number of meters tested for private consumers was 12, of which 6 were "fast", but only 2 more than 2%; 4 registered correctly, and 3 were "slow", but only 1 more than 2%.

Following are some of the calorific measurements made prior to the end of the fiscal year:

Month-Day	No. of Tests	Avg. in B. T. U. (gross.)
June 26	3	666
June 27	3	672
June 28	3	686
June 29	3	673

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CANDLE POWER TESTS.

Month-Day	No. of Tests	Avg. C. P.
June 15	3	19.96
June 20	2	19.76
June 24	2	19.94
June 28	2	20.19
June 30	2	19.75

Pressure records have been taken regularly at the Bureau's laboratory, and recording pressure gauges have also been disposed in different parts of the city to check up the pressure.

The Bureau has also been called upon to examine into all applications of electric light and power companies and telephone companies for permits to erect poles upon the streets. Up to July 1, this year, no record was kept of the number of such applications examined, but after that date all reports have been classified and kept on file.

The Bureau has also been employed by the Light Committee of the Board of Supervisors to examine into petitions on the part of citizens for new street lamps and general improvement in city street lighting. The Water Rates Committee of said Board has also commissioned the Bureau to make investigations into matters affecting the water supply within the city.

The monthly demands of the Pacific Gas and Electric Co., for street lighting and for lighting public buildings as well as the bills of the Spring Valley Water Company are examined and checked up by the Bureau. A record is being kept of the consumption of electricity, gas and water in all public institutions. Likewise a record is being kept of all street lamp outrages from reports furnished by the police department.

Among other matters to which the Bureau has given attention is the location of poles owned by electric light, street traction and telephone companies. In many places such poles have been found in cess-pool positions, or in too close proximity to street lamp posts and fire hydrants. In other places they have been found either outside or inside the curb line. Whenever poles have been found in such positions the attention of the owners has been called to the matter with request that they be removed to proper positions. It is due to these companies to say that in every such case they have given our request prompt attention.

Respectfully submitted,

R. HAMPTON,
Light and Water Inspector.

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BUILDING INSPECTION

San Francisco, September 16, 1912.

To the Honorable, The Board of Public Works.

Gentlemen:—I have the honor to submit the following as an annual report upon all private building operations in this City and County during the past fiscal year ending June 30, 1912:

Class "A" Buildings	15	$ 2,564,097.00
Class "B" buildings	15	1,957,400.00
Class "C" Buildings	265	7,548,687.00
Frame Buildings	2,500	8,370,718.00
Additions, Alterations, Repairs—General	3,371	1,976,204.00
Total	6,166	$22,417,106.00

The fees collected upon the above amounted to $31,158.40.

In addition to the above more important matters this Bureau received applications, as follows:

To raze structures	300
To move buildings	106
Applications filed and withdrawn	134
Applications rejected	24
General complaints received and attended to	700
Total number of general applications filed	6,684

I wish to further report that I found it necessary to disapprove and reject approximately 3,700 applications for various permits owing to implied infractions of the Building Law and impractical construction. The majority of these were subsequently revised and corrected so as to meet with all requirements under instructions and interpretation issued from this office, and the balance withdrawn from the files.

I consider it important at this time to report that over and above the voluntary tearing down and removal of the great number of "temporary buildings" throughout the city, the system recently adopted by the Board of Supervisors in passing resolutions containing lists of temporary structures within the Fire Limits and ordering their immediate demolition has met with success, since nearly all of those listed and notified have complied or expressed an intention to do so within a reasonable time.

I find that owners, Architects and builders are now more thoroughly conversant with the requirements of the State Tenement House Law and consequently this Bureau meets with much less difficulty in enforcing strict compliance.

During the year the entire force in the Bureau was kept busy owing to the volume of building operations throughout the city and the outlook is promising for an increase during the ensuing fiscal year.

No improvements were made in this Bureau with the exception of a telephone extension.

Respectfully submitted,

JOHN P. HORGAN,
Chief Building Inspector.

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San Francisco, Cal., Sept. 19, 1912.

To the Honorable, the Board of Public Works,
City and County of San Francisco.

Gentlemen:—The following is the yearly report of the Bureau of Buildings, Board of Public Works, of the amount of moneys expended for the fiscal year 1911-1912, in the School Department, Police Department, Fire Department and in General Repairs to Public Buildings.

Respectfully submitted,

T. A. REARDON,
Superintendent Public Buildings.

BUREAU OF BUILDINGS, BOARD OF PUBLIC WORKS, EXPENDITURES FOR REPAIRS, ALTERATIONS AND IMPROVEMENTS DURING FISCAL YEAR 1911-1912.

Work Performed on New School Buildings and Paid from the 1908 Bond Issue—		
Grattan	$ 256.13	
McKinley	170.00	
Frank McCoppin	1,049.51	
Denman	647.46	
Bryant	1,086.06	
Hancock	958.48	
Spring Valley	1,047.44	
Girls' High	3,126.34	
Jean Parker	117.48	
Cleveland	41.26	
Peabody	335.92	
Clement	85.50	
Franklin	1,987.09	
Adams	1,088.22	
Lincoln	13.70	
Visitacion	2,434.48	
Burnett	307.61	
Polytechnic	1,359.21	
John Swett	98.20	
		$16,160.09
Recorder's Office—		
Continuous repairs for year 1911-1912		1,114.83
Relief Home—		
Continuous repairs for year 1911-1912		3,351.81
Relief Home—		
Building Last Chance Ward		3,612.05
Relief Home—		
Restoring Water System		6,541.64
Miscellaneous Repairs—		
Continuous repairs during year 1911-1912		1,605.14
Emergency Hospitals—		
Continuous repairs during year 1911-1912		2,054.76
City and County Infirmary—		
Continuous repairs to buildings during year 1911-1912		436.23
City and County Infirmary—		
Building new concrete steps		350.00
City and County Infirmary—		
Special repair work		436.23
City and County Infirmary—		
New patent windows, screens and shades throughout the building		3,670.26

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City and County Infirmary—	
Building new cottage for Resident Physician	2,550.92
Registrar's Office—	
Continuous repairs for year 1911-1912	793.94
Architect's Office—	
Repairs about office	5.00
Bion Arnold's Office—	
Repair work, partitions, lockers, etc.	80.00
Marshall Square—	
Building Reviewing Stand	190.50
Tubercular Hospital—	
Building eight new buildings, five 1-story, three 2-story buildings	31,427.55
Tubercular Hospital—	
Painting new buildings	1,046.96
Isolation Hospital—	
Continuous repairs during year 1911-1912	2,503.32
San Francisco Hospital—	
Taking down brick walls, clearing grounds of trees, together with all necessary grading	7,051.11
Juvenile Detention Home—	
Special repair work, account Hospital Fund	20.00
Juvenile Detention Home—	
Building partitions, roofing work and continuous repairs for year 1911-1912	1,297.70
Twin Peaks Reservoir—	
Building Grandstand and Music Stand for Dedication	452.23
Play Ground Commission—	
Erecting Stand	45.00
Department of Elections—	
Continuous repairs for year 1911-1912	916.64
Department of Electricity—	
Continuous repairs for year 1911-1912	530.40
Street Repair—	
Building bridge and sheds during year 1911-1912	7,061.08
New Hall of Justice—	
Painting the entire inside of building, varnishing, polishing, etc.	8,545.76
New Hall of Justice—	
Installing special pipes throughout building—paid out of Bond Issue	990.00
County Jails—	
Continuous repairs, painting, plumbing, plastering, carpenter work during the year 1911-1912	9,102.34
Pipe Yard, 6th and Hubbell Streets—	
Various repairs during the year 1911-1912	355.72
Sewer Department—Corporation Yard—	
Various repairs during the year 1911-1912	33.40
Street Cleaning Department—	
Various repairs during the year 1911-1912	27.45
Geary St. Municipal Railroad—	
Various repairs during the year 1911-1912	792.27
Municipal Water Plant—	
Various repairs during the year 1911-1912	18.00
Supervisor's Building Committee—	
Various repairs during the year 1911-1912	68.10
Mission Bells—	
Painting bells	92.50

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City Engineer's Office—	
Partitions, lockers and fitting up office with drawers, tables, etc.	549.24
Board of Health—	
Building shed at Park Emergency Hospital	10.00
Third Street Bridge—	
Repairs and alterations during the year 1911-1912	233.79
Temporary City Hall and Hall of Justice—Moving—	
Moving from old quarters to new: County Clerk's Office to new building	1,936.95
County Clerk's Office (painting)	293.82
Tax Collector's Office	2,665.08
Assessor's Office	2,096.39
Engine Room, Hall of Justice	1,087.80
Miscellaneous, Temporary City Hall	2,070.64
Miscellaneous, Hall of Justice	2,067.96
General Moving account, City Hall and Hall of Justice	24,045.38
Police Department—	
Various repairs on the different stations during the year 1911-12	8,795.79
Patrol Boats—	
Cleaning and painting boat; also, building Cabin	763.87
Fire Department—	
Various repairs on all Fire Houses, Corporation Yard and Fire Department Buildings during the year 1911-1912	29,209.87
Engine No. 16—	
Building addition to building	212.00
Truck No. 10—	
Building addition to building	482.00
Engine No. 30—	
Constructing new building	8,290.37
Engine No. 42—	
Special repairs	55.00
School Buildings—	
Repairs and construction work on 97 School Buildings during the year 1911-1912	93,444.27
General Repairs—	
(This takes in all buildings such as Jails, Hospitals, Shops, temporary shacks, minor repairs at Relief Home, Public Fountains, Court Rooms and all Public Buildings where they have no Special Funds)	18,833.90
Total amount of work performed during year 1911-12	$312,475.25

PERMANENT REPAIRS TO BUILDINGS.

Relief Home—	
Last Chance Ward	$ 3,612.05
Relief Home—	
Restoring Water System	6,541.64
City and County Infirmary—	
New concrete steps	350.00
City and County Infirmary—	
New patent windows, screens and shades throughout building	3,670.26

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City and County Infirmary—		
Building new cottage for Resident Physician		2,550.92
Tubercular Hospital—		
Building eight new buildings		31,427.55
Tubercular Hospital—		
Painting buildings		1,046.96
Street Repair Department—		
Building new bridge and sheds		7,061.08
New Hall of Justice—		
Painting, varnishing, shellacing, etc., entire building		8,545.76
New Hall of Justice—		
Installing new pipes throughout building (Bond Issue)		990.00
City Engineer's Office—		
Building lockers, drawers, partitions and drawing tables		549.24
City Hall and Hall of Justice—Moving—		
Moving from temporary quarters to new buildings—		
County Clerk's Office		1,936.00
County Clerk's Office (Painting)		293.82
Tax Collector's Office		2,665.08
Assessor's Office		2,006.39
Miscellaneous, City Hall		2,070.84
Miscellaneous, Hall of Justice		2,067.96
General Moving, City Hall and Hall of Justice		24,045.38
Moving City Hall and Hall of Justice—		
Engine Room, Hall of Justice		1,087.80
Mission Bells—		
Painting Bells		92.50
Board of Health—		
Building shed at Park Emergency Hospital		100.00

PERMANENT REPAIRS TO FIRE DEPARTMENT BUILDINGS.

Engine No. 16—		
Additions to building	$ 212.00	
Truck No. 10—		
Building additions	482.00	
Engine No. 30—		
Constructing new building	8,290.37	
		8,984.37

PERMANENT REPAIRS TO POLICE DEPARTMENT BUILDINGS.

Patrol Boat—	
Painting, cleaning and building cabin	763.87
	$112,459.47

RECAPITULATION.

Permanent repairs to public buildings	$102,711.23
Permanent repairs to Fire Department buildings	8,984.37
Permanent repairs to Police Department buildings	763.87
General repairs to Public Buildings	68,565.85
Repairs to School Buildings	93,444.27
Repairs to Fire Department buildings	29,209.87
Repairs to Police Department buildings	8,795.79
Grand Total	$312,475.25

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STREET REPAIR DEPARTMENT

San Francisco, Cal., September 24, 1912.

To the Honorable, The Board of Public Works.

Gentlemen:—I respectfully submit the Annual Report of the Street Repair Department for the fiscal year 1911-12.

Respectfully,

D. J. McCOY, Superintendent.

JULY, 1911.

11th Street Corporation Yard	$ 1,268.00
Alameda Street Corporation Yard	1,249.50
Bridges and Wharves	204.50
Sidewalks	285.25
Sand Pit	82.00
25th Street Dump	78.00
Harrison Street Dump	63.00
Sand Roving—various	292.50
Miscellaneous Teaming	65.00
Fountain at Mission and Duboce Avenue	6.50
Macadamizing—1st and Sunnydale Avenues	72.00
Murray, Holly Park and Crescent Ave.—Macadamizing	107.00
Junipero Boulevard —Macadamizing	479.25
Coso Avenue—Macadamizing	1,330.00
Silver Avenue—Macadamizing	1,144.50
Corbett Road—Macadamizing	1,728.25
Sloat Boulevard—Macadamizing	29.50
Alms House Road —Macadamizing	276.00
Reiss Tract—Macadamizing	356.50
19th Avenue Boulevard—Macadamizing	294.25
Asphalt Plant	2,218.60
Asphalt Team Roving	2,138.50

ASPHALT PAVING.

	Sq. Ft.	Cost.
Asphalt Paving—Roving	5,895	$ 311.75
20th St., Alabama to Bryant	1,425	41.15
14th Avenue, M to L Streets	1,050	34.25
Grant Ave., Pine to Bush and vicinity	1,549	47.65
Howard St., 4th to 5th	3,900	133.80
Bartlett off Jackson	320	40.40
Detention Home	2,386	91.35
Waverly Place, Washington to Clay	3,765	133.30
Bryant St., 17th to 21st and vicinity	7,970	286.40
1st Avenue, Jackson to Geary	1,500	59.00
Sacramento St., Maple to Spruce	1,200	36.25
Clay St., Buchanan to 1st Avenue	4,100	144.65

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Buchanan St., Sacramento to Washington	1,200	86.25
Sacramento St., Pierce to Webster	2,100	109.25
Webster St., Sacramento to Jackson	5,400	174.75
Jackson St., Buchanan to Steiner	600	72.15
Washington St., Divisadero to 1st Avenue	8,900	179.75
17th St., Mission to Valencia	1,771	62.75
18th St., Guerrero to Noe	6,791	219.30
Castro St., 17th to 19th	2,204	59.05
18th St., Castro to Douglass	3,660	115.35
San Bruno Ave., 24th to 25th	9,350	234.10
Mission St., 29th to Highland Ave.	47,657	873.00
7th Avenue, between A and C Streets	3,587	41.65
Anna Lane, Eddy to Ellis	1,196	20.85
Gough St., Greenwich to Filbert	11,043	173.00
Greenwich St., Gough to Octavia	8,099	314.25
Union St., Franklin to Gough	2,020	83.30
Filbert St., Van Ness to Franklin	1,115	41.65
Lombard St., Franklin to Webster	1,555	119.65
Burnett School (Special)	29,495	641.35
	178,343	$ 4,931.35

BASALT PAVING.

	Sq. Ft.	Cost.
6th St., Irwin to Berry	9,625	$ 498.25
Howard St., 2nd to New Montgomery	4,180	244.50
Hawthorne St., Howard to Folsom	1,050	80.00
Folsom St., 2nd to 3rd	2,600	177.50
6th Street, north from Berry	2,000	118.50
Stockton St., Sutter to Bush	5,000	457.25
R. R. Avenue, 2nd to 5th Avenue	14,760	874.50
Pacific St., Taylor to Jones	400	32.50
16th St., east of Mississippi	3,560	207.00
Washington St., Montgomery to Jones	5,830	351.25
Jackson St., Kearney to Dupont	1,000	65.00
Battery and Washington Streets	440	16.25
Pine St., Kearney to Dupont	1,250	65.00
California and Kearny Streets	250	16.25
Stockton St., Bush to Pine	1,200	71.50
Folsom St., Main to 1st	11,150	637.75
Davis St., Jackson to Clark	1,460	81.25
1st St., Mission to Folsom	14,550	747.50
Battery and Washington Sts.	350	15.25
O'Farrell St., Polk to Larkin	5,260	276.25
Basalt Paving—Roving	6,555	402.50
Fremont St., Howard to Mission	14,200	759.00
Spear St., Mission to Howard	8,450	500.50
Folsom St., Spear to Steuart St.	1,950	121.50
Spear St., Folsom to Harrison	4,850	307.00
Octavia St., Filbert to Union	8,000	455.00
Jackson St., Larkin to Hyde	1,000	71.25
Washington St., Polk to Larkin	2,100	139.75
Corner of Ritch and Harrison Sts.	600	65.00
30th St., Sanchez to Noe	3,800	275.50
Walnut St., Polk to Larkin	5,250	349.65

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Battery St., Pacific to Broadway	3,850	223.50
Front St., Vallejo to Broadway	1,900	140.00
Battery St., Vallejo to Union	8,550	554.00
	156,970	$ 9,397.40

GRADING AND CURBSETTING, ETC.

Bay View School	$ 773.75
County Hospital	162.50
Anna Lane, between Eddy and Ellis, Mason and Powell	417.00
Minna St., 8th to 9th	152.25
Waller St., Octavia to Laguna	112.00
San Bruno Ave., Faith and Hope Sts.	223.00
19th and Railroad Avenues	290.50
Mission and Foote Avenue	227.50
30th St., Sanchez to Noe	19.00
Stockton St., Sutter to Bush	357.50
Guerrero and 14th Sts.	17.00
Burnett School (Special)	1,512.50
James Lick School (Special)	26.00
Agassiz School	13.00
Everett School	6.50
22nd and Vermont Sts.	201.50
	$ 4,511.50
Lamp Roving, Engineer's Department	203.00
Monuments for Engineer's Department	88.00

AUGUST, 1911.

11th Street Corporation Yard	$ 1,470.00
Alameda Street Corporation Yard	1,758.25
Sidewalks	518.25
Spear and Bryant St. Dump	18.00
Sand Pit	6.00
25th Street Dump	6.00
Harrison Street Dump	12.00
Bridges and Wharves	230.50
Macadamizing—Reiss Tract	372.00
Work on San Bruno Road	447.00
Macadamizing—19th Avenue Boulevard	964.75
Macadamizing—Corbett Road	1,960.00
Macadamizing—Coso Avenue	1,453.50
Macadamizing—Silver Avenue	1,403.00
Macadamizing—Ocean Avenue	205.00
Macadamizing—Sloat Boulevard	23.00
Junipero Boulevard (Sprinkling)	6.50
Infirmary, Relief Home (General Repairs)	193.50
Drilling Rock for Water Works, at 6-Mile House	55.50
County Jail Quarry	27.00
City and County Hospital	620.00
Asphalt Plant	2,494.25
Asphalt Team Roving	2,764.15

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ASPHALT PAVING.

	Sq. Ft.	Cost.
Asphalt Paving—Roving	8,841	$ 396.75
15th St., Mission to Guerrero	2,744	83.45
14th to 15th on Minna	1,781	56.15
15th St., Market to Church	6,694	213.95
Guerrero St., 14th to 16th	1,245	56.65
15th St., Howard to Folsom	622	31.15
Guerrero St., 14th to 17th	2,150	59.55
17th St., Mission to Sanchez	5,991	174.50
22nd St., Mission to Valencia	3,233	90.80
Shotwell St., 19th to 21st	585	27.65
McAllister St., Webster to Fillmore and vicinity	12,600	205.15
Webster St., McAllister to Fulton	2,400	73.00
Fulton St., Webster to Fillmore	1,800	36.25
California, Commonwealth to 19th Ave.	19,200	359.00
Lake St., 2nd to 6th Ave., and vicinity	12,773	278.00
Front St., Sansome to Montgomery	3,650	238.95
Minna St., 8th to 9th	11,394	599.35
Franklin St., Union to Filbert	2,120	133.95
Lombard St., Broderick to Baker	10,043	645.40
Anna Lane, off Geary St.	450	40.55
Capp St., 18th to 23rd	8,690	313.55
23rd St., Capp to Mission	900	34.80
Bartlett St.	4,130	123.45
Bryant St., 21st to 22nd	5,008	147.85
Potrero Avenue, 17th to 24th	12,493	408.70
Mission St., Onondago Ave. to County Line	43,419	1,072.35
	184,856	$ 5,900.90

BASALT PAVING.

	Sq. Ft.	Cost.
Basalt Paving—Roving	7,020	$ 455.00
Broadway St., Powell to Mason	2,175	159.00
Corner of Ritch and Harrison Sts.	150	16.25
7th St., Mission to Market	1,100	65.00
Taylor St., Lombard to Filbert	5,750	386.75
Greenwich St., Taylor to Jones	7,000	461.50
Spear St., Howard to Mission	5,000	299.00
2nd St., Townsend to King	3,400	207.50
Townsend St., 2nd to 3rd	17,650	986.25
Fremont St., Howard to Mission	4,600	254.00
Crossing of Texas and 18th Sts.	500	48.75
Natoma St., Fremont to 1st	1,900	113.75
Bay St., Jones to Hyde	12,350	856.00
Octavia St., Filbert to Union	675	48.75
North Point and Van Ness Avenue	1,000	71.00
Battery St., Filbert to Green	14,200	759.00
Front St., Vallejo to Broadway	2,450	142.75
Vallejo St., Battery to Front	300	39.00
Jackson St., Battery to Davis	13,080	715.75
Davis St., Clay to Jackson and vicinity	2,500	140.25
Waller St., Octavia to Laguna	5,750	451.75

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Jackson St., Stockton to Powell	5,760	325.00
Drumm St., Washington to Jackson	5,280	332.75
Washington St., Sansome to Montgomery	450	42.00
Stockton St., Sutter to Bush	5,200	269.50
Castro St., 16th to 17th	3,500	228.00
Crompton Pl., Stockton to Grant Ave	3,400	192.50
1st St., Howard to Harrison	10,940	571.75
O'Farrell St., Leavenworth to Polk	19,900	1,067.00
Post St., Polk to Van Ness Avenue	5,200	276.25
Mission and 2nd Streets	700	32.50
Sansome and Greenwich	1,300	83.50
Battery and Washington Sts.	1,300	77.00
Railroad Avenue, 4th to 6th	17,870	1,043.50
	189,350	$11,218.25

GRADING, CURBSETTING, ETC.

Beale and Bryant Sts.	$ 677.00
Jackson and Davis Sts.	10.00
Washington St., Sansome to Montgomery	26.00
Vallejo and White Sts.	28.00
State and Castro Streets	5.50
Stockton St., Sutter to Bush	17.00
Main and Bryant Sts.	40.00
14th and Railroad Avenue	162.50
Ellis and Leavenworth Sts.	21.50
San Bruno Avenue and Faith St.	111.00
30th St., Sanchez to Noe	32.00
Oak and Franklin Sts.	145.00
Minna St., 8th to 9th	1,227.25
San Bruno Avenue	364.00
Stockton St., Sutter to Bush	485.00
Gough St., Haight to Oak	1,813.75
Waller Street, Octavia to Laguna	213.00
Dunbar Alley, Hall of Justice	404.50
18th and Texas Sts.	29.50
R. R. and 3rd Avenue	52.50
Eddy and Broderick Sts.	16.00
13th St., Mission to Howard	46.00
Pearl St., Guerrero and Valencia, Hermann to 18th	11.50
City and County Hospital	360.50
Gough and Sacramento Streets	65.00
Harrison Avenue	39.00
California and Steiner Sts.	13.00
	$ 6,461.00
14 Engine, S. F. F. D., (Teaming)	52.00
Fire Department (Miscellaneous)	21.00
School Department (Teaming)	32.50
Setting Flag Poles on Market St., for Eagles Celebration (Street Repair Fund)	327.20
Grading at Burnett School	136.00

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SEPTEMBER, 1911.

11th Street Corporation Yard	$ 1,379.85
Alameda Street Corporation Yard	1,308.50
Bridges and Wharves	200.00
Sand Pit	30.00
25th Street Dump	60.00
Sidewalks	193.50
Market Street Flag Poles	21.00
Macadamizing—Reiss Tract	359.50
Macadamizing—Sloat Boulevard	18.00
Macadamizing—Junipero Boulevard	21.00
Macadamizing—Infirmary, Relief Home	184.00
Macadamizing—Ocean Avenue	1,326.50
Macadamizing—19th Avenue Boulevard	1,224.75
Macadamizing—Lippard Street, Glen Park	72.00
Macadamizing—Corbett Road	2,703.40
Macadamizing—Sunnydale Avenue	1,489.50
Macadamizing—San Bruno Road	1,915.50
Macadamizing—Silver Avenue	1,838.25
Macadamizing—Coso Avenue	1,331.00
Relief Home Reservoir	172.00
Asphalt Plant	2,490.30
Asphalt Team Roving	2,359.50

ASPHALT PAVING.

	Sq. Ft.	Cost.
Fell St., Buchanan to Fillmore	2,700	$ 108.75
Fell St., Octavia to Franklin	12,900	283.75
Fell St., Octavia to Franklin	1,200	72.50
Birch Avenue, Buchanan to Laguna	2,400	105.75
Divisadero St., Hayes to Fell	9,900	259.00
Lexington St., 19th to 20th	744	34.80
Asphalt Paving—Roving	5,685	313.10
Shotwell St., 20th to 22nd	2,051	58.80
21st St., Folsom to Howard	1,835	61.30
Shotwell St., 21st to 24th	3,544	100.35
25th St., Folsom to Howard	2,590	75.75
Willow Ave., Polk to Van Ness	11,419	379.05
Grant Ave., Vallejo to Filbert	1,530	70.35
Green St., Grant Avenue to Stockton	1,242	71.30
Jones St., Market to Golden Gate	5,108	68.95
Rose Avenue and Gough St.	855	44.05
West Mission, 12th to Valencia	1,125	53.65
California and Steiner Sts.	3,556	107.25
Buchanan St., Fell to Hayes	2,050	89.25
Gough St., Market to Oak	21,043	400.55
Oak St., Franklin to Van Ness Ave.	6,944	162.85
Duboce Ave., Mission to Valencia	3,225	107.85
Woodward Ave., Duboce Ave., to Valencia	4,390	213.15
Bartlett St., 21st to 23rd	5,920	157.90
Pacific St., Steiner to Divisadero	17,988	526.05
Scott St., Jackson to Broadway	2,100	81.20

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Jackson St., Divisadero to Baker	5,121	232.15
Jones St., Filbert to Greenwich	9,272	191.50
7th St., Mission to Market	12,402	223.40
East Side Mission, Brazil to Silver	17,855	459.60
	197,094	$ 5,113.90

BASALT PAVING.

	Sq. Ft.	Cost.
Drumm and Davis Streets	1,680	$ 132.50
Davis St., Jackson to Oregon	700	35.50
Clay St., Battery to Sansome	2,650	151.00
Leavenworth St., and Ellis	380	38.50
Geary and Jones	800	58.00
7th St., Mission to Market	15,100	1,011.75
Townsend St., 2nd to 3rd	675	65.00
Spear St., Harrison to Bryant	3,950	272.00
Brannan St., 1st to 3rd	5,400	401.50
North Point, Van Ness to Hyde	3,800	232.50
Van Ness Ave., Bay to North Point	500	35.50
Octavia St., Jackson to Pacific	1,250	103.50
Baker St., Green to Vallejo	500	35.50
Clay St., Grant Ave., to Kearny	1,150	65.00
Basalt Paving, Roving	5,670	416.00
Townsend St., 3rd to 4th	9,550	574.00
Jackson St., Battery to Sansome	9,950	568.00
Hyde St., Geary to O'Farrell	3,660	198.00
Oak and Gough Sts.	3,130	177.50
Brannan St., 5th to 6th	2,400	143.00
Drumm St., Jackson to Oregon	1,600	106.50
Davis St., Jackson to Oregon	580	32.50
O'Farrell St., Larkin to Hyde	4,200	224.50
Beale and Bryant Sts.	650	32.50
Post St., Polk to Van Ness	16,650	849.00
Sutter St., Polk to Van Ness	250	35.50
R. R. Avenue, 8th to 9th	14,880	843.00
Pacific St., Jones to Larkin	26,580	2,000.50
Washington St., Grant Avenue to Kearny	4,020	247.50
Broadway St., Powell to Mason	12,400	757.00
Chestnut St., Powell to Mason	5,900	315.00
Battery St., Filbert to Lombard	9,050	494.50
Howard St., New Montgomery to 2nd	500	38.50
3rd St., Berry to Channel	900	83.00
	171,055	$10,773.75

GRADING, CURBSETTING, ETC.

Jones St., McAllister to Golden Gate	$ 525.50
Oak St., Franklin to Van Ness Ave.	750.90
Fillmore and Bay Sts.	181.00
Powell and Bay Sts.	120.00
Gough St., Page to Oak	912.50
Dunbar Alley—Hall of Justice	118.00

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Monroe School	239.00
Larkin and Ellis Sts.	25.00
Laguna St., Fell to Hayes	1,848.50
Fern Avenue, Van Ness to Polk	435.50
Sansome St., Sutter to Bush	824.50
Beale and Bryant Sts.	289.75
Jasper Place	481.00
Davis and Jackson Sts.	71.00
Ellis and Leavenworth Sts.	14.50
Sutter and Van Ness Avenue	29.00
Minna and Mary St.	29.00
Mission and Norton Sts.	34.50
Jackson and Drumm Sts.	104.50
Stevenson St., 5th to 6th	23.00
17th St., Temple to Mars	20.50
Washington St., Grant Avenue to Kearny	6.00
Diamond and 23rd Streets	21.00
Pink Alley and Pearl	14.50
California and Steiner Sts.	515.50
Hyde St., Broadway to Vallejo	23.00
Clement School, 30th and Noe Sts.	23.00
Zoe St., Bryant to Brannan	351.00
Harrison Avenue, 7th and 8th, off Folsom	141.50
Clementina St., 8th to 9th	690.75
Larkin and O'Farrell Sts.	44.00
Folsom St., 1st to 2nd	1,228.50
Sansome Street, Market North (Teaming)	676.00
Railroad and 10th Avenues	91.00
	$10,902.90
30 Engine, S. F. F. D. (Teaming)	39.00

OCTOBER, 1912.

11th Street Corporation Yard	$ 1,626.80
Alameda St. Yard	1,799.25
Engineer's Department (Monuments)	153.25
Bridges and Wharves	190.00
Sidewalks	32.25
Macadamizing—Silver Avenue	1,859.50
Macadamizing—Sunnydale Avenue	2,158.75
Macadamizing—Coso Avenue	1,236.50
Macadamizing—Reiss Tract	335.00
Macadamizing—Lippard St., Glen Park	731.50
Macadamizing—Sloat Boulevard	488.25
Macadamizing—Ocean Avenue	1,521.00
Infirmary, Relief Home	288.50
7th Avenue, Relief Home Road	1,116.25
Macadamizing San Bruno Road	32.50
Macadamizing 19th Avenue Boulevard	485.60
Macadamizing Corbett Road	1,232.40
Junipero Serra Boulevard (Sprinkling)	19.50
Mission Viaduct	143.00
Miscellaneous Team Roving	13.00
Asphalt Plant	2,687.00
Asphalt Team Roving	2,366.00

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ASPHALT PAVING.

	Sq. Ft.	Cost.
Asphalt Paving—Roving	7,405	$ 340.35
7th St., Mission to Market	14,922	272.75
Laguna St., Hayes to Fell	17,007	203.80
Gough St., Hayes to Grove	8,849	205.65
Fern Avenue, Polk to Van Ness	5,460	38.70
Myrtle Avenue, Polk to Van Ness Ave	4,176	84.10
Church St., 23rd to 25th	5,359	138.10
Hall of Justice—Dunbar Alley	3,514	108.65
New Montgomery St., Jessie to Howard	1,090	51.05
Ellis St., Stockton to Powell	608	50.65
Market St., 3rd to 6th	1,110	106.20
Eddy St., Mason to Taylor	604	143.20
Jessie St., 2nd to New Montgomery	3,610	204.35
Shaw Alley, 1st to 2nd	1,889	142.70
Jasper Alley, Union to Filbert	3,289	94.65
Market St., East to 2nd	490	74.20
Sansome St., Sutter to Bush	7,404	253.45
Duboce Avenue, Church to Steiner	3,658	149.95
Church St., Market to Duboce Avenue	855	35.50
Jackson St., Larkin to Broderick	29,999	933.40
Waller, Steiner to Scott and vicinity	5,543	230.55
Scott St., Page to Waller	684	37.65
Larkin St., Jackson to Pacific	4,832	175.60
Pacific St., Larkin to Polk	892	24.75
Fulton St., Steiner to Scott	3,269	183.30
Grant Ave., Pacific to California	618	40.60
Stockton St., Pacific to Union	1,253	38.05
Scott St., Oak to Page and vicinity	1,200	36.25
Divisadero St., Hayes to Fell	3,000	78.50
Fell St., Baker to Divisadero and vicinity	3,300	117.75
Oak St., Scott to Broderick	5,050	258.50
Van Ness Avenue, Market North	10,700	893.65
Franklin St., Washington to Pacific	8,707	203.65
	70,296	$ 5,450.20

BASALT PAVING.

	Sq. Ft.	Cost.
Mission St., Bridge and Bosworth	6,020	$ 316.50
Hyde and Pacific Sts.	680	35.50
Washington St., Grant Avenue to Kearny	2,000	184.50
Main St., Howard to Mission	9,975	639.75
Shaw Alley and Minna St.	200	16.25
Spear St., Harrison to Bryant	12,650	812.00
Corner of Sacramento and Front Sts.	400	32.50
Hyde St., Sutter to Bush	3,250	226.75
Turk St., Larkin to Polk	3,250	260.00
7th St., Mission to Market	2,100	152.50
Eddy St., Jones to Leavenworth	2,125	142.00
Larkin St., Ellis to O'Farrell	1,650	106.50
Geary St., Polk to Van Ness Avenue	4,450	304.00

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Chestnut St., Powell to Mason	10,800	684.50
Basalt Paving—Roving	6,670	483.00
Kentucky St., 4th to 5th	6,778	445.00
Railroad Ave., 10th to 11th Ave.	15,750	852.00
Commercial St., Battery to Sansome	4,000	245.50
Sansome St., Sacramento to Commercial	600	34.75
Basalt Misc.	9,395	509.50
Broadway St., Hyde to Leavenworth	5,330	326.00
Brannan St., 5th to 6th	16,850	952.00
Bryant St., 10th to 11th	9,428	532.50
Pacific St., Front to Leavenworth	17,770	1,002.00
Sansome St., Clay to Sacramento	3,350	153.50
Berry St., 4th to 5th	5,300	290.00
Post St., Polk to Van Ness Avenue	680	35.50
Jasper Place, off Union	300	42.00
Merchant St., Sansome to Battery	6,725	578.50
Jackson St., Larkin to Hyde	1,700	126.00
Broadway St., Powell to Mason	1,200	84.00
Townsend St., 3rd to 4th	8,750	582.50
Beale St., Howard to Folsom	4,250	269.50
	184,376	$11,407.00

GRADING, CURBSETTING, ETC.

Jasper Place	$ 65.00
Octavia St., Haight to Page	124.50
Myrtle Ave., Polk to Van Ness Avenue	124.50
Sansome St., and Broadway (Special)	1,328.00
Zoe St., Bryant to Brannan (Special)	609.25
24th St., Harrison to Bryant (Special)	436.00
Gough St., Hayes to Oak	87.00
Folsom St., 1st to 2nd	703.25
Railroad and 10th Avenue	32.50
Sunnydale Avenue	529.00
Fillmore and Bay Sts.	1,106.50
Brenham Place	788.75
Hyde and Bush Sts.	239.25
Clementina St., 8th to 9th	1,205.50
Monroe School	31.00
Eddy St., Jones to Leavenworth	55.00
Minna St., 8th to 9th	27.00
Davis and Jackson Sts.	177.00
Octavia St., Haight to Page	52.00
Larkin St., Ellis to O'Farrell	100.00
Tehama St., 4th to 5th	1,153.00
Jasper Place, off Townsend	251.00
Fern Avenue, Van Ness & Polk, Sutter and Bush	832.50
Laguna and North Point	802.50
Tuberculosis Hospital	144.00
Beale and Bryant Streets	134.50
Freelon St., 4th to Zoe (Special)	632.00
Mission Viaduct	333.50
Turk and Van Ness Avenue	11.50
O'Farrell and Jones Street	11.50
Pacific St., Hyde to Leavenworth	245.50

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Harrison Avenue	487.56
Sansome St., Sutter to Bush	546.00
Kentucky Street	364.00
Jefferson School (Teaming)	26.00
	$13,795.50
Engineer's Department	78.00
30 Engine, S. F. F. D., (Teaming)	130.00

NOVEMBER, 1912.

11th Street Corporation Yard	$ 1,401.55
Alameda Street Corporation Yard	867.75
Bridges and Wharves	198.50
Sand Pit	51.00
25th Street Dump	81.50
Rock Roving	266.50
Sidewalks	172.00
Macadamizing Sloat Boulevard	494.25
Filling in San Bruno Creek	358.00
Macadamizing Sunnydale Avenue	910.50
Macadamizing Coso Avenue	319.00
Macadamizing Silver Avenue	548.00
Macadamizing Ocean Avenue	566.00
Macadamizing 7th Avenue and Relief Home Road	456.50
Macadamizing Lippard Avenue, Glen Park	223.00
Macadamizing Relief Home Road	518.00
Macadamizing Corbett Road	33.00
Macadamizing 19th Avenue Boulevard	79.00
Macadamizing Onondago Avenue	49.50
Junipero Boulevard (Sprinkling)	75.00
Asphalt Plant	1,170.00
Asphalt Team Roving	813.50

ASPHALT PAVING.

	Sq. Ft.	Cost.
Asphalt Paving—Roving	5,913	$ 283.95
Valencia St., Market to 14th	3,640	111.90
Broadway St., Van Ness Ave., to Webster	15,375	473.90
Franklin St., Jackson to Pacific	5,605	151.45
Engine No. 10, S. F. F. D.	3,910	452.70
17th St., Harrison to Folsom	2,000	118.30
Van Ness Avenue, Market North	26,181	707.70
Clementina St., 8th to 9th	11,781	231.50
Market St., East to 6th	7,745	556.95
Clay St., Montgomery to Larkin	1,991	112.50
Eddy St., Mason to Taylor	2,602	99.45
Octavia St., Page to Haight	2,420	49.90
23rd and 24th Sts., Alabama to Mission	13,826	412.05
Jackson St., Larkin to Polk	1,170	37.15
Hyde St., Clay to Pacific	3,814	127.35
Divisadero St., Hayes to Golden Gate Ave	3,938	141.70
Clay St., Larkin to Polk	3,456	54.40

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Washington St., Hyde to Larkin	1,135	55.70
Broadway St., Hyde to Polk	2,567	136.30
Vallejo St., Stockton to Powell	11,206	246.75
Market St., 6th St., North	5,875	191.50
Church St., 25th to 26th	1,638	38.30
Bartlett Alley, Jackson to Pacific	587	38.30
Hyde St., Bush to Pine	4,660	41.30
Brenham Place, Clay to Washington	6,694	76.60
	149,729	$ 4,942.60

BASALT PAVING.

	Sq. Ft.	Cost.
Basalt Paving—Roving	5,030	$ 369.00
Mission St., Bridge to Bosworth	780	35.50
9th and Clementina Sts.	300	35.50
Geary St., Polk to Van Ness Avenue	750	42.00
Front and Sacramento Sts.	750	32.50
Front St., Jackson to Pacific	600	35.50
4th and Kentucky Sts.	1,820	159.50
Folsom St., 1st to 2nd	16,251	1,427.00
Brannan St., 5th to 6th	5,490	749.00
Beale St., Howard to Folsom	6,900	405.50
Berry St., 5th to 4th	12,575	760.50
Crossing of 11th and Bryant Sts.	2,250	160.50
10th and Brannan Sts.	6,710	459.15
Pacific St., Battery to Front	8,080	515.55
Larkin St., Ellis to O'Farrell	4,310	398.75
16th St., Yard, Selecting blocks		27.00
Pacific St., Taylor to Jones	7,000	472.65
Crossing of 10th and Bryant	2,400	163.00
Jackson St., Montgomery to Sansome	2,500	196.75
Brenham Place, Clay to Washington	650	53.25
Railroad Ave., 10th to 11th Avenue	6,300	322.25
Merchant St., Sansome to Battery	900	70.75
Fremont St., Mission to Market	4,750	304.25
Main St., Howard to Mission	7,700	485.50
	104,796	$ 7,680.85

GRADING, CURBSETTING, ETC.

Sansome St., Sutter to Bush	$ 136.50
Sunnydale Avenue	180.50
Reiss Tract, Municipal Water Plant	112.00
Beale and Bryant Sts.	24.00
Brenham Place	880.50
Kentucky St., and Islais Creek	318.50
Fillmore and Bay Sts.	179.00
Mission St., and Foote Avenue	106.75
Folsom St., 1st to 2nd	1,264.50
Hyde St., Bush to Pine	407.50
Clementina St., 8th to 9th	68.50
24th and Diamond Sts.	11.50

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Oak and Gough Sts.	21.25
Clay St., Van Ness Avenue to Polk	37.25
Essex and Folsom Sts.	65.00
Freelon St., 4th to Zoe	321.00
Zoe St., Bryant to Brannan	216.50
Sherman St., Folsom to Harrison	11.50
24th St., Harrison to Bryant	1,152.75
10th and Brannan Sts.	110.50
Mission St., and Foote Avenue	275.50
Sansome St., Sutter to Bush	136.50
Larkin St., Ellis to O'Farrell	32.50
Washington St., Hyde to Larkin	6.50
Broadway and Gough Sts.	100.75
Vallejo and Stockton Sts.	6.50
	$ 6,183.75

MISCELLANEOUS.

Lamp Roving, Engineer's Department	$ 35.50
Market Street Derrick	3.25
Market Street Flag Poles	8.15
Sutro School	6.50
City Chemist (1 Granite Cutter)	5.50
Engineer's Department (Granite Cutter on monuments)	126.25

DECEMBER, 1911.

11th Street Corporation Yard	$ 1,423.35
Alameda St., Yard (Engineer's Department Monuments)	133.50
Bridges and Wharves	200.00
Sand Pit	70.50
25th Street Dump	66.00
Beale Street Dump	39.00
Macadamizing Relief Home Road	426.75
Macadamizing 19th Avenue Boulevard	26.75
Macadamizing Infirmary—Relief Home	164.00
Macadamizing Sloat Boulevard	127.50
Macadamizing San Bruno Creek (Filling in)	243.00
Macadamizing Junipero Boulevard	45.75
Macadamizing Corbett Road	16.50

ASPHALT PAVING.

	Sq. Ft.	Cost.
Asphalt Paving—Roving	3,340	$ 182.80
Ellis St., Scott to Divisadero	2,595	83.70
O'Farrell St., Steiner to Pierce	4,291	138.65
Valencia St., 13th to 15th	8,480	277.50
Van Ness Avenue, Market St., north	6,325	178.00
Valencia St., 18th to 19th	5,405	124.90
19th St., Mission to Guerrero and vicinity	4,752	168.20
Hyde St., Bush to Pine and vicinity	7,837	79.60
Sacramento St., Montgomery to Sansome	550	54.05
Clay St., Montgomery to Sansome and vicinity	1,192	52.90
Van Ness Avenue, Union St., north	5,375	256.85
Hayes St., Larkin to Octavia	2,944	158.85
	53,086	$ 1,756.00

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BASALT PAVING.

	Sq. Ft.	Cost.
Basalt Paving—Roving	5,796	$ 396.75
Crossing of 10th and Brannan	950	83.00
Kentucky St., 3rd to 4th	1,400	121.50
Broadway St., Sansome to Battery	2,300	179.00
Greenwich St., Battery to East	1,150	115.25
Sacramento St., Front to Davis	400	41.50
Oregon St., Front to Davis	1,450	194.50
First St., Stevenson to Mission	800	83.00
Battery St., Jackson to Pacific	300	17.75
Beale St., Market to Howard	21,600	1,158.50
Berry St., 4th to 6th	3,150	177.50
9th St., Mission to Market	1,575	82.75
3rd St., Mission to Folsom	8,870	641.75
13th St., Howard to Folsom	3,000	170.75
Jones St., Post to Sutter	1,150	97.75
Beale St., Howard to Mission	1,500	96.50
1st St., Howard to Market	500	35.25
Minna St., 2nd to 3rd	1,150	108.50
	57,041	$ 3,801.50

GRADING AND CURBSETTING.

Hyde St., Bush to Pine	$ 149.25
Kentucky St., and Islais Creek	282.50

SPECIALS.

			Sq. Ft. Asphalt.	Cost.
30 Engine, S. F. F. D.			196	$ 14.00
James Lick School			854	49.55
			Teams.	Labor.
Harrison Ave., off Folsom, 7th to 8th			$1,702.00	$1,439.90
		Grading Labor.	Sq. Ft. Asphalt.	Asphalt Labor.
Gough St. Market to Page		$475.00	8,987	$ 123.30
		Teaming.	Sq. Ft. Basalt.	Basalt Labor.
Sherman St., 6t and 7th, Harrison		$760.50	8,050	$ 445.75
				Grading Labor.
Tehama St., 4th to 5th				$ 164.75
			Grading and Concreting.	
			Teams.	Labor.
Buena Vista Ave., Haight to Waller			$585.00	$ 143.25
		Teams.	Sq. Ft. Basalt.	Basalt Labor.
Folsom Street, 1st to 2nd		$58.50	7,900	$ 440.50
	Concrete Labor.	Grading Labor.	Grading Teams.	Asphalt Ft.	Asphalt Labor.
Freelon St., 4th to Zoe	$413.25	$939.75	$344.50	9,321	$ 460.75

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	Grading Labor.	Grading Teams.	Asphalt Sq. Ft.	Ahphalt Labor.
Zoe St., Bryant to Brannan	$81.00	$721.50	11,945	$ 637.75
		Teams.	Asphalt Sq. Ft.	Asphalt Labor.
24th Street, Harrison to Bryant		$13.00	11,027	$ 159.20
		Grading Labor.	Asphalt Sq Ft.	Asphalt Labor.
Sansome St., Sutter to Bush		$426.00	6,658	$ 83.25

JANUARY, 1912.

Corporation Yard, 11th and Bryant Sts.	$ 1,452.00
Alameda St. Corporation Yard	873.00
Bridges and Wharves	208.00
25th Street Dump	97.75
Sand Pit	84.00
Quarry, 31st Avenue and Point Lobos	18.00
Junipero Boulevard	360.50
Macadamizing, Raymond Ave. and Leland Ave., west of San Bruno	35.50
Macadamizing, Relief Home Road	955.37½
Rock Roving, Various	117.50
Macadamizing, San Bruno from Ocean Shore crossing to Gaven	753.00
Macadamizing 22nd St., Potrero Ave. to San Bruno Ave	243.50
Asphalt Plant	$ 2,074.42½

ASPHALT PAVING.

	Sq. Ft.	Cost.
Roving—various small jobs	5,572	$ 737.50
Duboce Avenue, Market to Church	4,820	129.00
8th St., Market to Howard	2,268	102.37½
Grove St., Lyon to Central Avenue	840	35.50
Hoff Avenue, 16th to 17th	6,549	330.37½
Jones St., Post to Geary	210	7.00
Kearny St., Bush to Pine	2,110	136.12½
Kearny St., Clay to Washington	.....	90.00
Kearny St., California to Post	530	68.87½
Kearny St., Pine to California	510	58.07½
Kearny St., Sutter to Geary	2,824	168.69¼
Lombard St., Van Ness Avenue to Octavia	2,240	92.25
Lyon St., Grove to Fulton	2,071	71.75
Market St., east to 4th	1,065	100.50
Tehama St., 4th to 5th	16,500	128.87½
Van Ness Avenue, Union to Bay	1,680	56.56¼
Van Ness Avenue, Union to Chestnut	1,095	56.62½
Van Ness Avenue, Union to Green	280	24.43¼
	51,164	$ 2,394.52¼

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BASALT PAVING.

	Sq. Ft.	Cost.
Bay St., east to Mason	6,050	$ 444.00
Bay St., Kearny to Mason	2,500	206.50
Bay St., Mason to Taylor	1,250	83.00
Bay St., Powell to Mason	950	77.00
Beale St., Mission to Howard	650	59.00
Clarence Place, off Townsend	2,050	196.50
5th St., from Jessie to Market	750	65.00
1st St., Mission to Market	2,750	195.00
Folsom St., 14th to 15th	525	42.62½
Folsom St., 2nd to 3rd	1,060	61.50
4th and Harrison	2,575	145.75
Franklin and Turk	1,327	102.50
Freelon Street, off 4th	1,100	46.50
Front St., Clay to Washington	503	44.50
Geary and Powell	314	20.50
Jones St., Post to Sutter	3,100	240.50
Kentucky and Army	5,950	356.00
Kentucky St., Islais Creek to 2nd Avenue	15,100	849.00
Kentucky St., 3rd St. Bridge to 4th	9,400	637.00
Lombard St., Battery to Sansome	3,050	214.50
Mason St., Bush to Pine	1,200	81.25
Minna St., 6th to 7th	180	20.50
Octavia and Fell Sts.	651	61.50
Sacramento St., Front to Davis	2,000	134.75
6th Street Bridge, South side	200	32.50
Stevenson St., 5th to 6th	5,475	395.87½
Taylor and Market Sts.	150	16.25
3rd St., Bryant to Brannan	500	35.50
3rd St., Folsom to Harrison	300	32.50
3rd St., Harrison to Bryant	500	35.50
3rd St., Mission to Folsom	8,600	678.00
13th St., Folsom to Howard	2,950	195.00
Union Sq. Ave., Grant Ave. to Kearny	490	41.00
	84,150	$ 5,847.00

GRADING, CURBSETTING AND CONCRETING.

Gough St., Oak to McAllister	$ 858.25
Gough St., Oak to McAllister	84.50
Howard St., 6th to 7th	15.75
Kentucky St., and 2nd Avenue	1,244.15
9th and Bryant Streets	63.50
Noe St., Day to 30th	10.50
Powell St., California to Sacramento	34.00
Tehama St., 4th to 5th	17.25
22nd St., Potrero Avenue to San Bruno Avenue	206.50
Tehama St., 4th to 5th	667.00
	$ 3,201.40

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FEBRUARY, 1912.

11th Street Corporation Yard	$ 1,280.50
Alameda Street Corporation Yard	948.00
Bridges and Wharves	200.00
Sidewalks	230.69
Sand Pit	69.00
25th Street Dump	101.50
Ditching Raymond & Leland Aves. west of San Bruno	227.50
Macadamizing Junipero Boulevard	381.50
Macadamizing 19th Avenue South	16.00
Macadamizing Relief Home Road	803.00
Macadamizing San Bruno Ave., O. S. R. R. Xing to Gaven	961.25
Macadamizing Sloat Boulevard	146.00
Macadamizing 22nd St., from Potrero to San Bruno Ave	201.00
31st Avenue and Point Lobos—Misc. Quarry Drilling	105.75
Culverts, Hawes St., 8th to 9th Avenues, South	13.00
Asphalt Plant	$ 1,724.00

ASPHALT PAVING.

	Sq. Ft.	Cost.
Roving Teaming, Asphalt	.....	$ 1,657.50
Buchanan St., McAllister to Turk	5,750	146.62½
Cole St., Waller to Buelah	2,538	61.25
Eddy St., Laguna to Buchanan	3,075	98.25
8th St., Howard to Folsom	6,811	256.50
Fell St., Divisadero to Baker	3,460	115.37½
Frederick St., Stanyan to 1st Ave	4,914	140.12½
Fulton St., Gough to Octavia	8,376	188.00
Gough St., Hayes to Fell, and vicinity	35,445	598.00
Grant Avenue, Broadway to Pacific	215	13.50
Kearny St., Clay to Washington	6,892	150.25
Minna St., 3rd to 4th	800	51.37½
Minnesota St., 3rd to 4th Avenues	.....	25.50
Mission St., Army to 28th	10,101	353.25
Mission St., and Foote Avenue	4,905	93.75
Mission St., 6th to 8th	.....	25.87½
Natoma St., 3rd to 4th	2,380	128.25
Oak St., Lyon to Stanyan	8,761	234.37½
Oak St., Scott to Divisadero	5,215	149.75
Pacific St., Montgomery to Sansome	619	28.00
Pierce St., Waller to Haight	2,420	94.87½
Asphalt Paving—Roving	11,530	448.25
Scott St., Page to Oak	10,950	262.87½
Stanyan St., Oak to Buelah	15,840	374.87½
Steiner St., Duboce to Waller	3,620	89.75
Vallejo St., Stockton to Powell	3,128	45.75
	157,245	$ 5,826.87½

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BASALT PAVING.

	Sq. Ft.	Cost.
Team Roving	.....	$ 117.00
Battery St., Market to Pine	600	32.50
Bay St., Mason to Taylor	200	17.75
Berry St., 5th to 7th	920	47.50
Clay St., Drumm to East	1,400	97.50
Columbus Ave., Filbert to Union	7,025	382.00
Commercial St., Drumm to East	950	53.25
Davis St., Market to Sacramento	2,225	126.75
Davis St., Pine to California	1,950	112.00
Drumm St., Market to Sacramento	1,600	89.00
Ellis St., Stockton to Powell	600	59.00
1st St., Mission to Market	9,025	573.75
Freelon St., off 4th St.	6,050	264.00
Geary St., Powell to Van Ness and vicinity	4,862	487.50
Jessie St., 6th St., west	2,150	131.62½
Kearny St., corner of Clay	600	54.00
Kentucky St., Army to Tennessee and vicinity	11,320	634.00
Kentucky St., Islais Creek to 2nd Avenue	7,010	351.00
Kentucky St., 16th to 17th and vicinity	7,725	458.00
Kentucky St., 3rd St. Bridge to 4th	4,500	245.50
Minna St., 1st to 2nd	2,550	134.50
Minnesota St., 18th to 19th and vicinity	13,700	941.25
Mission St., and Foote Avenue	400	28.00
Mission Viaduct, South Side	500	37.75
McAllister St., corner of Gough	.....	51.75
9th St., Harrison to Bryant	1,800	95.00
Oregon St., Davis to Drumm	9,975	530.50
Pine and Battery Sts.	6,600	305.75
Powell St., Sacramento to California	2,350	175.00
6th St., Mission to Market	7,450	404.75
3rd St., Brannan to Mission	11,045	760.00
Turk and Larkin Sts.	1,450	88.50
Townsend St., 2nd to 3rd	500	32.50
	129,032	$ 7,913.87½

GRADING, CURBSETTING AND CONCRETING.

California and Davis Streets	$ 91.50
Bush and Pierce Streets	9.25
8th Avenue and Judah St.	8.50
Gough St., Oak to McAllister	741.29
Kearny St., Clay to Washington	409.50
Kentucky St., and 2nd Avenue	905.25
Kearny St., Clay to Washington	236.38
Minnesota St., Mariposa to 20th	1,118.00
Mission St., Foote Ave. to Mission Road	314.12
Mission St., Foote Ave. to Concord	417.66
9th and Bryant Streets	16.50
Powell St., California to Sacramento	326.00
Roving, various small jobs	159.00
16th and Florida Streets	406.50
22nd St., Potrero to San Bruno Avenue	133.00
Tehama St., 4th to 5th	26.00
	$ 5,318.45

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MARCH, 1912.

11th Street Corporation Yard	$ 1,148.50
11th Street Corporation Yard	363.50
Alameda St. Corporation Yard	1,198.50
Bridges and Wharves	214.00
Sand Pit	139.00
25th Street Dump	88.00
Sidewalks	212.81
Shotwell St., 14th to 15th (Grading)	355.50
Park Emergency Hospital	19.50
Tuberculosis Hospital	6.50
Macadamizing Relief Home Road	1,461.75
Macadamizing 15th Avenue and Q St.	311.00
Macadamizing Junipero Boulevard	100.25
Macadamizing San Bruno Avenue	945.25
Macadamizing Sloat Boulevard	162.75
Asphalt Plant	$ 2,161.37½

ASPHALT PAVING.

	Sq. Ft.	Cost.
Section No. 1, High Pressure System	2,736	$ 172.43¾
Asphalt Paving—Roving	32,515	915.75
Carl St., Clayton to Cole	1,540	44.75
Castro St., 17th to 18th	3,625	125.12
Clayton St., Parnassus Ave. to 17th	4,725	107.62½
Eddy St., Buchanan to Webster	15,117	459.12½
Fulton St., Gough to Octavia	31,542	847.37½
Laguna St., Grove to Fulton	1,012	52.00
Larch St., Buchanan to Webster	7,910	218.50
Mission St., Silver Ave. to Onondago	1,478	45.37½
Patching chuck holes—various	6,186	331.00
Page St., Clayton to Cole	3,986	117.87½
Parnassus Ave., Clayton to Cole	.....	28.37½
17th St., Castro to Diamond	3,337	96.75
16th St., Bryant to Florida	4,076	142.50
Sutter and Buchanan Sts.	243	14.00
29th St., Mission to Church	21,950	726.62½
23rd St., Diamond to Douglass	1,535	21.00
Waller St., Clayton to Schrader	4,401	150.87½
Asphalt Team Roving	.....	1,530.75
	147,914	$ 6,147.80¾

BASALT PAVING.

	Sq. Ft.	Cost.
Battery St., Clay to Washington	3,625	$ 214.37½
Battery St., Market to Pine	8,100	480.25
Battery St., Pine to Sacramento	12,925	821.00
Berry St., 5th to 7th	13,656	865.50
Columbus Ave., Powell to Filbert—Chestnut	9,325	671.75
Davis St., Market to Sacramento	2,530	178.75

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Davis St., Sacramento to Clay	950	53.25
Drumm St., Market to Sacramento	5,675	395.75
1st St., Mission to Market	8,055	523.87½
Francisco St., Powell to Mason	200	19.25
Jessie St., 1st to 2nd	4,630	302.37½
Kentucky St., 18th to 20th	6,030	416.50
Kentucky St., 16th to 4th	7,400	441.00
Kentucky St., 23rd to 20th	10,620	598.00
Laguna St., North Point to Beach	2,450	218.00
Larkin St., Golden Gate Ave., to Turk	900	71.00
Minna St., 1st to 2nd	2,975	181.75
Minnesota St., 19th to 20th	10,070	548.75
Natoma St., New Montgomery to 2nd	4,740	319.50
Pacific St., Battery to Sansome	8,800	618.75
Post St., Larkin to Leavenworth	2,300	134.25
Basalt Paving—Paving Roving	5,671	482.25
Sacramento St., Drumm to East	1,600	94.75
17th St., West of Douglass	4,820	315.50
7th St., Folsom to Harrison	15,000	1,001.12½
6th St., Howard to Folsom	1,100	71.50
6th and Stevenson Streets	.....	6.50
Stevenson St., 3rd to 4th	8,725	624.75
3rd St., Howard to Mission	7,140	510.25
Townsend St., Japan to 2nd	4,210	316.50
Turk St., Larkin to Hyde	3,775	213.00
Washington St., Battery to Sansome	1,475	121.00
	179,472	$11,830.75

GRADING, CURBSETTING AND CONCRETING.

Battery and California Streets	$ 27.00
Battery and Sacramento Streets	38.00
Fulton St., Octavia to Laguna	5.50
Harrison and 3rd Streets	29.50
Harrison St., 13th to 14th	414.50
Howard St., 2nd to 3rd	659.50
Jessie St., 1st to 2nd	109.50
Kentucky St., Islais Creek to 2nd Avenue	620.00
Kentucky St., and 20th	27.50
Laguna St., Beach to North Point	179.00
Larkin St., G. Gate Avenue to Turk	14.25
Larch St., Buchanan to Webster	8.50
Minnesota and 19th Street—Mariposa to 18th	102.00
Pacific St., Battery to Sansome	1,136.25
2nd Avenue and Railroad Avenue	22.00
16th and Florida Sts.	34.12½
Spear and Bryant Streets	45.00
Townsend St., 2nd to 3rd	70.00
22nd and San Bruno Avenue	8.00
	$ 3,550.12½

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APRIL, 1912.

11th Street Corporation Yard	$ 1,574.50
Alameda Street Corporation Yard	932.25
Bridges and Wharves	252.50
Sand Pit	85.50
25th Street Dump	126.00
Sloat Boulevard	135.50
Macadamizing—19th Avenue, Sunset	15.50
Macadamizing—Junipero Boulevard	103.50
Macadamizing—Clarendon Avenue	600.00
Macadamizing—Relief Home Road	1,426.00
Macadamizing—San Bruno Avenue South from 25th	234.50
Macadamizing—Lincoln Avenue	470.00
Macadamizing—18th Avenue South	385.50
Working in San Bruno Avenue Quarry	454.00
Miscellaneous Team Roving	273.00
Asphalt Plant	$ 2,112.00

ASPHALT PAVING.

	Sq. Ft.	Cost.
Asphalt Team Roving	.....	$ 1,576.25
Asphalt Team Roving	.....	295.75
Asphalt Paving—Roving	9,170	377.00
12th St., Mission to Howard	3,364	109.75
Valencia St., 28th to 18th	4,425	206.25
Farren Avenue, Eddy to Ellis	1,435	32.87½
Sutter St., Fillmore to Steiner	3,789	139.25
Eddy St., Pierce to Scott	10,940	298.87½
Bartlett St., 26th to 24th	8,366	326.75
Grove St., Gough to Octavia	4,580	203.00
Scott St., Eddy to Ellis	2,615	65.75
Divisadero St., Post to Bush	1,425	48.87½
Fulton St., Buchanan to Webster	2,222	84.75
Halleck St., Leidesdorff to Sansome	3,551	181.12½
18th St., Sanchez to Noe	11,354	306.18¾
Lyon St., Post to Sutter	1,375	48.50
Buchanan St., Hayes to Grove	5,208	188.62½
Leidesdorff St., Halleck to Sacramento	3,100	117.75
Crompton Place, Sutter to Bush	1,360	42.87½
Turk St., Scott to Divisadero	8,480	262.62½
Buena Vista Ave., Waller to Duboce	5,346	84.75
Valley St., San Jose Ave. to Dolores	2,027	38.87½
Octavia St., Geary to Sutter	3,288	106.62½
16th St., Dolores to Church	1,252	32.87½
Laguna St., Grove to Fulton	18,602	535.37½
San Jose Avenue, Duncan to 29th	1,462	42.37½
Church St., 15th to 16th	1,656	65.37½
Tiffany Avenue, 28th to 29th	4,390	148.25
Webster St., Haight to Page	913	42.00
Post St., and Broderick, Fillmore to Pierce and vicinity	24,830	713.25
Folsom St., 9th to 12th	795	
Folsom St., 9th to 12th	5,955	274.00
Landers St., 14th to 15th	1,158	32.87½
Guerrero St., 16th to 20th and vicinity	14,961	416.75
	173,389	$ 7,445.18¾

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BASALT PAVING.

	Sq. Ft.	Cost.
Division and Kansas Sts.	2,410	$ 166.00
Kentucky St., Islais Creek to Army	12,995	702.75
Natoma St., 1st to 2nd	14,585	825.25
Folsom St., Main to Spear	850	63.00
3rd and Stevenson Streets	850	103.75
Kentucky St., 20th to 21st	770	38.75
Main St., Folsom to Harrison	2,250	177.50
R. R. Avenue, Islais Creek to 1st Avenue	5,552	321.25
Pacific St., Battery to Sansome	4,650	265.00
6th St., Stevenson to Mission	1,260	83.00
Bay St., Montgomery to Embarcadero	2,000	183.75
Broadway St., Columbus Ave. to Kearny	2,520	145.62½
New Anthony St., Jessie to Mission	7,420	351.75
Brannan St., 7th to 8th	2,190	129.12½
Ohio St., Pacific to Broadway	2,850	171.50
Turk St., Larkin to Hyde	13,445	738.50
Townsend St., Japan to 2nd	9,345	649.37½
Washington St., Front to Davis	1,150	101.25
Buena Vista Ave., Duboce Avenue to 14th	3,000	154.00
Jessie St., 1st to 2nd	7,710	467.50
7th St., Harrison to Bryant	7,246	480.50
Columbus Ave., Chestnut to Greenwich	14,725	959.75
Basalt Paving—Roving	7,796	533.75
Union Sq. Ave., Grant Ave. to Kearny	4,300	352.00
Berry St., 5th to 7th	16,268	910.00
Berry St., 5th to 7th	1,500	77.50
Harrison St., 11th to 14th	22,080	1,110.25
3rd St., Mission to Market	10,120	542.75
Mission St., Main to Fremont	2,250	138.75
Battery St., California to Sacramento	19,025	1,082.75
McAllister St., Franklin to Van Ness Avenue	2,950	177.50
Drumm St., Sacramento to Clay	8,300	465.87½
Berry St., 3rd to 4th	15,649	842.50
	230,011	$13,512.50

GRADING AND CURBSETTING.

Howard St., 2nd to 3rd	$ 428.75
Post and Taylor Sts.	375.50
Harrison St., 11th to 14th	746.00
Harrison St., 11th to 14th	466.00
30th and Sanchez Streets	11.00
Jessie St., 1st to 2nd	5.50
18th St., Dolores to Guerrero	65.75
Haight St., Gough to Market	65.25
Caledonia Avenue and 16th	83.50
Townsend St., 2nd to 3rd	697.75
Spear and Bryant Streets	303.50
Buena Vista Ave., Duboce to Waller	903.56

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Shotwell St., 13th to 14th	84.00
Natoma St., 1st to 2nd	22.00
City and County Hospital	18.00
	$ 4,276.06
Sidewalks, various locations	192.76
Sidewalks, Douglass School, 19th and Collingswood (Special)	62.00

MAY, 1912

11th Street Corporation Yard		$ 1,453.00
Alameda Street Corporation Yard		515.62½
Sand Pit		75.00
25th Street Dump		111.00
Bridges and Wharves		222.50
Macadamizing—13th Avenue South		617.00
Macadamizing—San Bruno Ave., 15th to Cortland		135.00
Macadamizing—San Bruno Ave. So. of Cortland		287.50
Macadamizing—Lincoln Avenue		2,122.65½
Macadamizing—Relief Home Road		463.00
Macadamizing—Clarendon Avenue, Twin Peaks		210.50
Macadamizing—Sloat Boulevard		140.00
Sprinkling—Junipero and Sloat Boulevards		48.75
Working in Bernal Heights Quarry		614.00
Irving M. Scott School (School Repairs)		62.25
Geary Street Road, 22nd to 23rd Avenues		13.00
Sidewalks—various locations		239.49½
Unloading Cars at 16th and Florida		83.37½
Miscellaneous Team Roving		786.50
Asphalt Plant		1,780.56½
	Sq. Ft.	Cost.
Asphalt Team Roving		$ 1,290.25
Asphalt Paving—Roving	6,339	311.50
Grove St., Cole to Stanyan	1,837	38.87½
Lyon St., Hayes to Grove	4,564	155.12½
Laguna St., Geary to Sutter	3,200	95.62½
17th St., Kansas to Potrero Avenue	2,565	84.37½
Bush St., Laguna to Fillmore	3,785	129.62½
Indiana St., Mariposa to 22nd	12,567	315.75
Baker St., Hayes to Fell	3,034	116.62½
Scott St., Waller to Haight	1,214	35.87½
Gough St., McAllister to Golden Gate	909	42.37½
16th St., Church to Market	465	32.87½
12th St., Mission to Folsom-Harrison	6,977	246.50
Duboce Ave., Church to Sanchez	1,191	34.75
Ellis St., Gough to Octavia	4,595	119.75
14th St., Church to Sanchez	3,334	104.25
Post St., Octavia to Buchanan	2,045	65.75
Buchanan St., Geary to Bush	1,745	65.37½
Dodge St., Larkin to Hyde	345	14.00
Church St., Duboce to 16th	922	32.87½
27th St., Dolores to Guerrero	5,395	124.12½
Duncan St., Guerrero to Dolores	1,670	34.37½
Post St., Mason to Taylor	8,323	188.12½
Sacramento St., Baker to Walnut	5,456	154.81½
Franklin St., McAllister to Golden Gate	3,089	135.25

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Pine St., Laguna to Octavia	12,662	391.50
Potrero Ave., 18th to 19th and misc.	23,898	754.00
California, Fillmore to Steiner and vicinity	14,805	365.25
Larkin St., Grove to McAllister	1,826	96.00
Army St., Dolores to Church	8,450	276.00
O'Farrell St., Fillmore to Pierce	2,424	97.75
	149,631	$ 5,999.31½

BASALT PAVING.

	Sq. Ft.	Cost.
Basalt Paving—Roving	6,448	$ 493.00
Berry St., 3rd to 4th	300	13.31¼
Natoma St., 1st to 2nd	7,590	448.50
Drumm St., Sacramento to Clay	7,300	433.75
Battery St., Sacramento to Clay	7,325	404.87½
Third St., Mission to Market	8,400	444.25
Berry St., 5th to 7th	8,440	461.50
Pacific St., Battery to Sansome	300	35.50
Broadway St., Mason to Taylor	2,400	177.50
Norfolk St., Folsom to Harrison	2,100	121.25
McAllister and Franklin Streets	1,325	103.50
Turk St., Larkin to Polk	3,975	248.50
Fillmore St., Duboce to Hermann	450	41.00
Jessie St., 5th to 6th	2,100	130.00
Mission St., East to Fremont	8,755	526.50
Kentucky St., Islais Creek to 2nd Avenue	12,150	757.00
Harrison St., 11th to 12th	24,600	1,376.00
Harrison St., 10th to 12th	26,050	1,459.00
Columbus Ave., Greenwich to Chestnut	16,350	834.75
Hawthorne St., Folsom to Howard	950	52.25
Folsom St., 2nd to 3rd	300	17.75
2nd St., Mission to Market	5,730	312.00
Railroad Ave., 6th to 7th Aves.	3,790	185.25
Clay St., Front to Davis	550	47.00
Townsend St., 2nd to 3rd	14,340	972.56¼
Townsend St., 2nd to 3rd	12,560	764.12½
Division St., 8th to King	14,070	828.25
7th and King Streets	5,175	326.50
Folsom St., 5th to 6th	5,170	256.75
	209,495	$12,273.12½

GRADING AND CURBSETTING.

Belcher St., and Duboce Avenue	$ 8.25
8th and Natoma Streets	33.00
Harrison and 14th Sts.	17.50
Hermann and Fillmore Sts.	16.50
Harrison St., 10th to 11th	555.96⅞
Howard St., 2nd to 3rd to 4th	923.50
Townsend St., 2nd to 3rd	990.50
Post and Taylor to Mason to Powell	1,513.45
Spear and Bryant Streets	302.50
Hancock St., Sanchez to Noe	179.00
	$ 4,540.16⅞

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Corporation Yard, 11th and Bryant Sts.	$ 1,388.00
Alameda Street Corporation Yard	657.75
Bridges and Wharves	222.50
Sand Pit	66.00
25th Street Dump	66.00
Sidewalks, Pine St., Kearney to Grant Ave.	35.00
Macadamizing—Sloat Boulevard	814.00
Macadamizing—Junipero Boulevard	42.25
Macadamizing—Corbett Road	137.50
Macadamizing—Relief Home Road	298.00
Macadamizing—18th Avenue South	984.50
Macadamizing—San Bruno Road (and quarry work)	583.00
Miscellaneous	507.00
Asphalt Plant	1,449.75

ASPHALT PAVING.	Sq. Ft.	Cost.
Asphalt Paving Roving	4,080	$ 243.50
Asphalt Team Roving		903.50
Steiner St., Geary to Post	4,350	65.75
Larkin St., Hayes to Grove	602	43.50
24th Street, Church to Castro and vicinity	8,664	326.62½
Post St., Powell to Mason	9,701	159.62½
Caledonia St., Valencia to Julian Ave., and vicinity	6,013	314.00
Eddy and Myrtle Ave., Franklin to Van Ness	12,255	456.87½
20th and 21st, Bryant to Mission and vicinity	14,410	497.41½
Bryant St., 15th to 16th	10,750	394.62½
Work in Richmond District, California, Sacramento, Jackson, Clement, 4th Ave., 1st Ave., 5th Ave., 6th Ave.,—various small patching jobs	16,904	526.00
Market St., Valencia to Guerrero	19,112	622.12½
Pine St., Scott to Broderick	616	32.87½
	107,457	$ 4,591.41½

BASALT PAVING.

	Sq. Ft.	Cost.
Basalt Paving—Roving	6,570	$ 449.00
Folsom St., 5th to 6th	10,930	630.50
Division St., Kansas to King	8,300	458.50
7th St., King to Townsend	10,550	620.50
Folsom St., 2nd to 3rd	6,825	395.50
Columbus Ave., Francisco to Bay	10,575	580.75
Sansome St., Clay to Washington	500	35.50
Front St., Clay to Jackson	200	17.75
Clay St., Front to Davis	300	17.75
Davis St., Washington to Clay	8,525	608.00
Howard St., 1st to 2nd	7,310	557.00
Alameda St., East of Kansas	5,010	255.00
Filbert St., Battery to East	3,075	235.00
20th St., Illinois to Kentucky	8,670	507.50

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Townsend St., 2nd to 3rd	28,060	1,382.43½
2nd St., Townsend to Brannan	3,025	146.25
Battery and Lombard Sts.	800	67.50
North Point, Leavenworth to Hyde	2,550	143.25
Harrison St., 10th to 11th	6,905	462.00
Front St., Jackson to Pacific	1,500	139.00
Railroad Ave., 6th to 7th Ave.	4,810	288.50
8th and Townsend Sts.	1,350	65.00
Clay St., Front to Davis	150	23.50
2nd St., Mission to Market	910	56.87½
	137,400	$ 8,142.56

GRADING AND CURBSETTING.

Rogers St., 7th to 3th	$ 5.50
Townsend St., 2nd to 3rd	1,879.68
Harrison St., 10th to 11th	32.50
Howard St., 3rd to 4th	287.25
7th and Brannan Sts.	29.50
Municipal Water Station	38.50
Spear and Bryant Sts.	265.00
Silliman and Howard Sts.	50.00
Post St., Powell to Mason	438.25
Stafford St., Townsend to Brannan	25.00
	$ 3,051.18

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BUREAU OF STREETS

San Francisco, July 1st, 1912.

To the Honorable The Board of Public Works,
of the City and County of San Francisco.

Gentlemen:—I have the honor to transmit herewith the annual report of the operations of the Bureau of Streets for the fiscal year commencing July 1st, 1911, and ending June 30th, 1912, being the thirteenth annual report presented since the inauguration of the Bureau.

The work performed by this department is reported herein under the following classifications:

1. Assessments for street work.
2. Resolutions of intention and Notices of Street Work.
3. Register of Street Work Proceedings.
4. House Numbering.
5. Side Sewer Construction.
6. Inspection of Corporation Trench Work.
7. Sidewalk Inspection.

One hundred and twenty assessments were issued for street work in the total cost of $135,072.02.

Twelve hundred and forty-one Notices of Street Work were prepared and posted along the line of the proposed work, and 2165 copies of the resolutions of intention were mailed to owners of property liable for the cost of the proposed work.

Three thousand six hundred and twenty-eight certificates designating official house numbers were issued to applicants. The buildings along 208 blocks were re-numbered and 797 notices were served requiring the removal of improper numbers and their replacement with official numbers.

Two thousand three hundred and sixty-nine side sewers were constructed.

Eleven thousand one hundred and forty-nine street openings were made by the Public Service Corporations.

Three thousand five hundred and seventy-eight Street Space permits were reported on for use of streets during building construction.

Six hundred and forty-nine thousand, four hundred and ninety-nine square feet of sidewalks were laid pursuant to notices served by our inspectors.

Respectfully submitted,

A. J. DONOVAN,
Office Deputy, Board of Public Works.

ASSESSMENTS FOR STREET WORK.

One hundred and twenty assessments were prepared and issued for the cost of street work performed under public contract.

The total cost of the street work as shown by these assessments amounted to $135,072.02.

These assessments were issued to the contractors and a copy of each was recorded in the Street Assessment Records in the Bureau of Streets, together with the returns made thereon.

Cancellations of the above assessments were recorded in the Assessment Records upon receipt of communications from the contractors and receipted bills from the property owners.

The following exhibit presents the character of street work performed, the name of the contractor and the cost of the work as shown by these assessments:

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Work Performed.	Cost of Work.
Chestnut Street, crossing of Laguna Street—	
Paving, Etc.,—Raisch Improvement Co., Contractor	$ 2,146.00
Kansas Street crossing of Sixteenth Street—	
Paving, etc.—Stanley J. Fay, Contractor	1,519.54
Judah Street between Fourteenth and Fifteenth Avenues and crossing of Judah Street and Fifteenth Avenue—	
Sewer, etc.—Sunset Construction Co., Contractor	815,75
Geary Street crossing of 35th Avenue—	
Sewer, etc.—Peter McHugh, Contractor	349.45
Anza Street crossing of 11th Avenue—	
Paving, etc.—G. W. McGinn & Co., Contractors	1,452.18
Balboa Street crossing of 7th Avenue—	
Paving, etc.—G. W. McGinn & Co., Contractors	1,422.60
Mississippi Street between 18th and 19th Streets—	
Granite curbs and Basalt Block Gutters, where not already constructed—J. A. De La Fontaine, Contractor	317.05
Westerly one-half (½) of the intersection of Dolores and Jersey Sts.,—	
Paving, etc.—J. G. Harney, Contractor	1,267.17
London Street from Excelsior Avenue to its northeasterly termination—	
Sewer, etc.—William Heafey, Contractor	665.75
Tara Street from the southerly line of Geneva Avenue to the center line of Ocean Avenue—	
Sewer, etc.—William Heafey, Contractor	1,946.74
Nevada Street from the center line of Cortland Avenue to a point 25 feet southerly from Powhattan Street—	
Sewer, etc.—P. H. Mahoney, Contractor	1,138.85
Vermont Street from the center line of 16th Street to a point 25 feet northerly from 17th Street—	
Sewer, etc.—Stanley J. Fay, Contractor	1,004.85
Moultrie Street from the southerly line of Eugenia Street to a point 20 feet southerly from Powhattan Avenue—	
Sewer, etc.—P. H. Mahoney, Contractor	1,112.54
Prospect Avenue crossing of Virginia Avenue—	
Paving, etc.—G. W. McGinn & Co., Contractors	1,845.26
Northeasterly one-half (½) of the intersection of Lundy's Lane and Virginia Avenue—	
Paving, etc., G. W. McGinn & Co., Contractors	615.35
Twenty-first Street between Hampshire and York Streets, where not already—	
Sidewalks—City Street Improvement Co., Contractor	173.10
Clement Street crossing of 16th Avenue—	
Paving, etc.—J. J. Dowling & Co., Contractors	1,239.57
Alvarado Street crossing of Hoffman Avenue—	
Paving, etc.—J. J. Dowling & Co., Contractors	1,372.06
Twenty-sixth Avenue between California and Lake Streets where not already....	
Paving, etc.—Barber Asphalt Paving Co.—Contractor	1,112.60
Howard Street between 12th and 13th Streets, where not already—	
Artificial Stone Sidewalks—City Street Improvement Co.,—Con...	1,404.19
Lundy's Lane from Esmeralda Avenue to a point 350 feet northerly therefrom—	
Grading—John Kelso, Contractor	2,538.00
Railroad Avenue between Wallace Avenue and Williams Avenue—Intersection of Railroad Avenue and Williams Avenue and the intersection of Railroad Avenue, Van Dyke Avenue and Lane Street—	
Sewer, etc.—F. C. Dowling, Contractor	1,780.53

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Work Performed.	Cost of Work.
Lake Street between 25th and 26th Avenues, where not already— Paving, etc.—Barber Asphalt Paving Co., Contractor	810.58
Easterly one-half (½) of the crossing of Lake Street and 13th Ave.— Paving, etc.—Flinn & Treacy, Contractors	987.34
Cabrillo Street between 35th and 36th Avenues— Broken Rock Pavement—Owen McHugh, Contractor	1,161.56
California Street beetween 20th and 21st Avenues, where not already— Paving, etc.—City Street Improvement Co., Contractor	448.25
Geary Street between 33rd Avenue and the westerly line of 34th Avenue— Sewer, etc.—Felix McHugh, Contractor	942.95
Lake Street between 24th and 25th Avenues, where not already— Paving, etc.—The Barber Asphalt Paving Co., Contractor	777.10
Anderson Street crossing of Eugenia Avenue— Broken Rock Pavement, etc.—Coast Imp. Co., Contractor	335.09
Eureka Street between 21st and 22nd Streets, where not already— Artificial Stone Sidewalks—City Street Imp. Co., Contractors	480.20
Filbert Street between Buchanan and Webster Streets, where not already— Artificial Stone Sidewalks—City Street Imp. Co., Contractor	276.43
Lawton Street between 48th Avenue and La Playa, where not already— Broken Rock Pavement, etc.—Frank L. Sheerin, Contractor	642.15
Hoffman Avenue crossing of 23rd Street— Paving, etc.....J. J. Dowling & Co., Contractors	1,459.84
Ninth Avenue crossing of Ortega Street— Sewer, etc.—J. J. Dowling & Co., Contractors	334.10
Boyce Street crossing of Geary Street— Paving, etc.—Federal Construction Co., Contractor	1,327.83
Boyce Street crossing of Geary Street— Sidewalks, etc.—Federal Construction Co., Contractor	447.14
Eureka Street between 22nd and 23rd Streets, where not already— Artificial Stone Sidewalks—J. J. Dowling & Co., Contractors	845.40
Twenty-third Avenue between Clement and California Streets, where not already— Paving, etc.—G. W. McGinn & Co., Contractors	419.30
Southerly one-half (½) of the Intersection of Cortland avenue and Moultrie Street— Paving, etc.—The Barber Asphalt Paving Co., Contractor	427.39
Seventeenth avenue between Irving Street and Lincoln Way, where not already— Paving, etc.—City Street Improvement Co., Contractor	865.95
Twenty-fifth avenue between Geary and Clement Streets, where not already— Paving, etc.—The Barber Asphalt Paving Co., Contractor	869.70
Clement Street between 31st and 32nd Avenues, where not already— Paving, etc.—Flinn & Treacy, Contractors	256.42
Broderick street between Turk and Eddy Streets, where not already— Paving, etc.—City Street Improvement Co., Contractor	460.36
Nineteenth Street crossing of Pennsylvania Avenue— Paving, sewering, etc.—Stanley J. Fay, Contractor	2,109.74
Lyon Street between the center line of Filbert Street and a point 20 feet northerly from Union Street— Sewer, etc.—L. H. Westdahl Co., Contractor	911.15
Army Street crossing of Sanchez Street— Paving, etc.—Stanley J. Fay, Contractor	1,248.76

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Work Performed.	Cost of Work.
Miguel Street between Bemis Street and the southeasterly line of Laidley Street—	
Sewer, etc.—Stanley J. Fay, Contractor	761.20
Fountain Street between 24th and 25th Streets—	
Sewer, etc.—W. W. Hageman, Contractor	1,980.15
Northerly one-half (½) of Seventeenth Street, opposite the termination of Temple Street—	
Paving, etc.—Flinn & Treacy, Contractors	701.19
Ord Street crossing of 17th Street—	
Paving, etc.—Flinn & Treacy, Contractors	1,376.46
Southerly one-half (½) of Seventeenth Street, opposite the termination of Corbin Place—	
Paving, etc.—Flinn & Treacy, Contractors	669.12
Excelsior avenue crossing of London Street—	
Paving, etc.—Flinn & Treacy, Contractors	1,550.40
Southerly one-half (½) of Seventeenth Street opposite the termination of Mars Street—	
Paving, etc.—Flinn & Treacy, Contractors	942.77
Green Street between Baker and Lyon Streets and the crossing of Green and Baker Streets—	
Curbs and Sidewalks—P. Montague, Contractor	1,852.15
Hayes Street between Ashbury and Clayton Streets, where not already—	
Artificial Stone Sidewalks,—G. W. McGinn & Co., Contractors	293.67
Fillmore Street crossing of Vallejo Street—	
Paving, etc.—G. W. McGinn & Co., Contractor	1,098.14
Lower Terrace from the first angle point westerly from Pluto Street to a line at right angles with the southeasterly line of Lower Terrace at its point of intersection with the westerly line of Saturn Street—	
Sewer, etc.—P. H. Mahoney, Contractor	1,457.95
Fifteenth Avenue crossing of Irving Street—	
Paving, sewer, etc.—J. J. Dowling & Co., Contractor	1,843.44
Anza Street crossing of Forty-first Avenue—	
Broken Rock Pavement, etc.—Owen McHugh, Contractor	521.90
Douglass Street crossing of 17th Street—	
Paving, etc.—Flinn & Treacy, Contractors	1,316.79
Cook Street crossing of Geary Street—	
Paving, etc.—F. C. Dowling, Contractor	1,710.37
Laurel Street from a point one hundred (100) feet northerly from Jackson Street to Pacific Avenue and the intersection of Pacific Avenue and Laurel Street—	
Sewer, etc.—Mitchell & Savage, Contractors	696.19
Irving Street between 10th and 11th Avenues, where not already—	
Artificial Stone Sidewalks—City Street Imp. Co., Contractors	300.35
Andover Avenue between Crescent Avenue and Park Street the westerly one-half (½) of the intersection of Andover Avenue and Richland Avenue and the easterly one-half (½) of the intersection of Andover avenue and Ogden avenue, where not already—	
Paving, etc.—City Street Imp. Co., Contractor	2,546.83
Eighteenth Avenue between Geary and Clement Streets, where not already—	
Paving, etc.—City Street Improvement Co., Contractor	259.40
Greenwich Street between Divisadero and Broderick Streets—	
Paving, etc.—W. G. Raisch, Contractor	5,067.12
Broderick Street crossing of Greenwich Street—	
Paving, etc.—W. C. Raisch, Contractor	1,055.04

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Work Performed.	Cost of Work.
Army Street between Church and Sanchez Streets, where not already—	
Artificial Stone Sidewalks—City Street Imp. Co., Contractors....	455.94
Central Avenue between Fulton and Grove Streets, where not already—	
Artificial Stone Sidewalks—City Street Imp. Co., Contractor	346.98
Excelsior Avenue crossing of Paris Street—	
Paving, etc.—Flinn & Treacy, Contractors....	1,432.95
Ingalls Street between the center line of Thomas Avenue and the northeasterly line of Quesada Avenue; and Revere Avenue between Ingalls Street and a point twenty (20) feet southeasterly from Jennings Street—	
Sewer, etc.—Federal Construction Co., Contractor	2,978.75
Precita Avenue between Folsom and Alabama Streets, where not already—	
Paving, etc.—City Street Improvement Co., Contractor	218.12
Twenty-first Avenue between Geary and Clement Streets, where not already—	
Paving, etc.—City Street Improvement Co., Contractor	1,783.95
Twenty-third Street between Castro and Diamond Streets, where not already—	
Artificial Stone Sidewalks—City Street and Improvement Company, Contractors	1,037.71
Francisco Street intersection of Laguna Street—	
Paving, etc.—City Street Improvement Co., Contractor....	961.26
Moscow Street crossing of Persia Avenue—	
Paving, etc.—Flinn and Treacy, Contractors	1,804.14
Laidley Street from a point one hundred and thrteen (113) feet southwesterly from Roanoke Street to the center line of Castro Street—	
Sewer, etc.—William A. Terrill, Contractor	1,138.85
Broad Street between Plymouth and Capitol Avenues—	
Sewer, etc.—F. C. Dowling, Contractor....	1,460.40
Eleventh Avenue crossing of Moraga Street—	
Sewer, etc.—Peter McHugh, Contractor....	750.20
Kirkham Street crossing of 13th Avenue—	
Paving, etc.—J. J. Dowling & Co., Contractor....	1,671.41
Plymouth Avenue between Broad and Sadowa Streets—	
Sewer, etc.—F. C. Dowling, Contractor	937.85
Northerly and southerly intersections of Andover Street and Cortland Avenue—	
Paving, etc.—The Barber Asphalt Paving Co., Contractor....	1,016.70
Capitol Avenue crossing of Sadowa Street—	
Sewer, etc.—E. J. Gallagher, Contractor	397.82
Broad Street crossing of Capitol Avenue—	
Sewer, etc.—F. C. Dowling, Contractor....	510.35
Douglass Street crossing of 23rd Street—	
Paving, etc.—City Street Improvement Co., Contractor....	1,083.64
Anza Street crossing of 26th Avenue—	
Sewer, etc.—E. J. Gallagher, Contractor....	634.60
Reservoir Street between Church and Market Streets, where not already—	
Paving, etc.—City Street Improvement Co., Contractor....	495.59
Broad Street crossing of Plymouth Avenue—	
Sewer, etc.—F. C. Dowling, Contractor....	456.35
Thirty-second Avenue from the southerly line of Ulloa Street to a point one hundred and fifty (150) feet northerly from the northerly line of Vicente Street—	
Sewer, etc.—E. J. Gallagher, Contractor....	2,698.35

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Work Performed.	Cost of Work.
Plymouth Avenue crossing of Sadowa Street—	
Sewer—P. H. Mahoney, Contractor	276.55
Anza Street crossing of 15th Avenue—	
Sewer, etc.—State Improvement Co., Contractor	373.40
Harrison Street crossing of 25th Street—	
Paving, etc.—J. J. Dowling & Co., Contractor	1,702.88
Moraga Street crossing of 12th Avenue—	
Sewer, etc.—E. J. Gallagher, Contractor	465.87
Blake Street crossing of Geary Street—	
Paving, etc.—J. J. Dowling & Co., Contractor	2,213.43
De Haro Street between Alameda and 15th Streets; and the crossing of De Haro Street and 15th Street—	
Sewer, etc.—Stanley J. Fay, Contractor	1,681.40
Nineteenth Street between Church and Sanchez Streets, where not already—	
Artificial Stone Sidewalks,—City Street Imp. Co., Contractor	352.00
Balboa Street crossing of Seventeenth Avenue—	
Sewer, etc.—Felix McHugh, Contractor	514.05
Forty-third Avenue between Irving and Judah Streets—	
Grading—C. E. Blanchard, Contractor	1,408.11
Seventeenth Avenue between Anza and Geary Streets—	
Sewer, etc.—Owen McHugh, Contractor	2,333.00
Treat Avenue crossing of 25th Street—	
Paving, etc.—State Improvement Co., Contractor	1,178.79
Anza Street crossing of Seventeenth Avenue—	
Sewer, etc.—Owen McHugh, Contractor	535.05
Alvarado Street from a point one hundred and thirty (130) feet westerly from Castro Street to the center line of Castro Street—	
Sewer, etc.—State Improvement Co., Contractor	676.02
Anza Street between 26th and 27th Avenues—	
Sewer, etc.—W. H. Williams, Jr., Contractor	811,95
Eighteenth Street crossing of Hampshire Street—	
Paving, etc.—Raisch and Clark, Contractors	1,611.24
Anza Street from 28th Avenue to a point 75 feet easterly	
Sewer, etc.—J. J. Dowling & Co., Contractor	397.55
Pixley Street between Steiner and Fillmore Streets, where not already—	
Paving, etc.—Raisch Improvement Co., Contractor	577.85
Polk Street between Lombard and Greenwich Streets—	
Granite Curbs—James Tobin, Contractor	803.35
Moraga Street crossing of Tenth Avenue—	
Paving, etc.—J. J. Dowling & Co., Contractor	1,759.13
Highland Avenue between Mission Street and Holly Park Circle, where not already—	
Paving, etc.—The Barber Asphalt Paving Co., Contractor	626.35
Twenty-third Street between Sanchez and Noe Streets, where not already—	
Artificial Stone Sidewalks—City Street Imp. Co., Contractor	364.07
Thirty-seventh Avenue between the center line of Taraval Street and the center line of Vicente Street—	
Sewer, etc.—E. J. Gallagher, for Property Owners, Contractor	5,156.12
Twentieth Avenue between California and Lake Streets, where not already—	
Paving, etc.—The Barber Asphalt Paving Co., Contractor	255.45
Twenty-fifth Street between Diamond and Douglass Streets, where not already—	
Paving, etc.—City Street Improvement Co., Contractor	609.45

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Work Performed.	Cost of Work.
Chenery Street crossing of Mateo Street—	
Paving, etc.—The Barber Asphalt Paving Co., Contractor	595.39
Ulloa Street between the easterly line of Thirtieth Avenue and the westerly line of Thirty-first Avenue—	
Sewer, etc.—E. J. Gallagher, for Property Owners, Contractor	1,200.45
Twenty-fourth Avenue between California and Lake Streets, where not already—	
Paving, etc.—The Barber Asphalt Paving Co., Contractor	554.90
Lyon Street between Union and Filbert Streets—	
Paving, etc.—Flinn & Treacy, Contractors	4,911.03
Twenty-seventh Street between Noe and Sanchez Streets and the crossing of Twenty-seventh and Sanchez Streets—	
Artificial Stone Sidewalks—Flinn & Treacy, Contractors	1,753.79
Eighteenth Street between Alabama and Harrison streets, where not already—	
Paving, etc.—City Street Improvement Co., Contractor	255.40
Chenery Street between Roanoke and Mateo Streets, where not already—	
Paving, etc.—The Barber Asphalt Paving Co., Contractor	711.65
Total Cost	$135,072.02

RESOLUTIONS OF INTENTION AND NOTICES OF STREET WORK.

According to Chapter 2, Article 6 of the Charter, providing for the method of procedure for the improvement of streets under Charter proceedings, it is necessary to prepare Resolutions of Intention recommending to the Supervisors the ordering of said work, prepare and post along the line of said contemplated improvements "Notice of Street Work" and obtain from the Assessment Roll and the City Directory the names and addresses of the owners liable for the cost of the proposed street work and addressing and mailing to each of said owners copies of the Resolution of Intention.

The following table shows the number of resolutions prepared, the separate pieces of work affected by said resolution and the number of notices prepared, posted, addressed and mailed in accordance with Charter provisions.

Resolutions No.	Separate Pieces of Work.	Blocks.	Crossings or Intersections.	Notices Posted	Notices Mailed.
12484	9	6	4	72	150
13079	10	8	10	95	200
13357	10	10	2	60	100
13931	15	12	3	88	156
14412	8	4	4	74	126
14760	13	13	1	60	100
15050	9	8	5	60	110
15518	10	7	7	98	200
15732	10	7	5	80	130
16120	12	7	7	80	140
16474	12	7	7	110	250
16882	6	2	5	58	145
17237	8	8	6	97	112
17618	11	9	3	62	83
17983	7	5	6	72	98
18213	8	4	3	75	65
16	158	117	80	1241	2165

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REGISTER OF STREET WORK PROCEEDINGS.

A record of all street work proceedings is kept in the Bureau of Streets, which is consulted every day by representatives of the Title Insurance Companies, searchers of records, attorneys and property owners. This requires the investigation and recording of all resolutions of the Board of Public Works, Ordinances of the Board of Supervisors, Private Contracts of Street Work, Certificates of Satisfactory Completion and publications in the official newspaper pertaining to work, of which there were the following number during the fiscal year.

Resolutions of Board of Public Works	6224
Private Contracts of Street Work	752
Certificates of Satisfactory Completion	741
Proposals for Street Work	149
Awards of Contracts	103
Ordinances of Supervisors	46
Resolutions of Intention	16

PUBLIC WORK.

In addition to the above there were prepared and posted several hundred "Notices of Public Work" for proposed work or improvement according to Resolutions of Intention passed by the Board of Supervisors, as follows:

Resolution No.	Date.	Location.	Char. of Work.
8818	Nov. 6, 1911	Stockton Street	Tunnel
8838	Nov. 13, 1911	14th and 15th Avenues between Lawton and Moraga Streets	Closing Streets
8966	Nov. 27, 1911	Turk Street between Masonic & Parker Aves.	Clos. portion of street
9047	Dec. 11, 1911	Jarboe Avenue	Closing
9351	Mar. 18, 1912	Twin Peaks Dist.	Tunnel
9362	Mar. 18, 1912	Molloy Street	Closing

HOUSE NUMBERING.

During the fiscal year 3628 certificates were issued for new house numbers.

The buildings along 208 blocks were re-numbered and 797 notices were served upon property owners requesting them to change their old house numbers to conform with the ordinance now in force.

The following is a tabulation of the work performed monthly:

Month.	Certificates Issued.	Blocks Renumbered.	Notice to Remove Old Nos.
July, 1911	320	28	78
August, 1911	270	32	84
September, 1911	289	18	110
October, 1911	350	12	65
November, 1911	255	17	81
December, 1911	410	23	57
January, 1912	312	12	82
February, 1912	318	14	47
March, 1912	260	9	34
April, 1912	289	19	28
May, 1912	330	14	59
June, 1912	225	10	72
	3628	208	797

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SIDE SEWER CONSTRUCTION.

The Bureau of Streets constructed 2369 side sewers during the fiscal year.

The cost of the work was apportioned as follows:

Wages of Side Sewer Men	$35,278.00
Inspector and Time Keeper's Salaries and Buggy Hire	5,030.00
Teaming	2,570.70
Materials, tool sharpening, cribbing, etc.	1,241.28
Restoring pavement over side sewer trenches	13,667.54
Total	$57,787.52

Side sewers were constructed during each month of the fiscal year as follows:

July, 1911	181
August, 1911	227
September, 1911	162
October, 1911	271
November, 1911	189
December, 1911	162
January, 1912	170
February, 1912	190
March, 1912	193
April, 1912	217
May, 1912	195
June, 1912	212
Total	2369

INSPECTION OF CORPORATION TRENCH WORK.

There are three inspectors whose principal duties are the supervision of pavement restoration over the trenches opened in the streets by the public service corporations.

In addition to the above work these inspectors report on the condition of streets upon the completion of building operations. Deposits of money are refunded upon their favorable reports for street space permits, sub-sidewalk permits, and house moving permits. The construction of bulkheads, removal of street obstructions, repair of side sewers, etc., and all general complaints are matters that receive the attention of these inspectors.

REPORT OF INSPECTOR JAMES RIORDAN.

DISTRICT—North of Market Street and East of Taylor Street to the waters of the bay, South of Market Street East of Ninth Street, and including the Potrero.

Examinations and reports made upon the following matters:

Street space and sub-sidewalk permits	772
Complaints	86
Notices served (street and sub-sidewalk space)	114
Notices served (miscellaneous)	53
Side Sewer Repair notices served	6
House moving examinations and reports	5
Blasting petitions—fixing bonds	8
Regrading street approaches	17
Removal of buildings from public streets	3
Total	1,064

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Street openings for Main and Service pipes and conduits by Public Service Corporations:

Pacific Gas and Electric Company—mains; blocks	166
Pacific Gas and Electric Company—mains; crossings	76
Pacific Gas and Electric Company—services	1,598
Pacific Gas and Electric Company—steam, mains, blocks	26
Pacific Gas and Electric Company—steam, mains, crossings	14
Pacific Gas and Electric Company—steam, services	4
City Electric Company—mains, blocks	32
City Electric Company—mains, crossings	4
City Electric Company—services	64
Spring Valley Water Company—services	1,125
Spring Valley Water Company—mains, blocks	2
Spring Valley Water Company—repairs to mains	6
Equitable Light and Power Company—mains, blocks	1
Equitable Light and Power Company—mains, crossings	1
Equitable Light and Power Company—services	46
Equitable Light and Power Company—steam, mains, blocks	1
Equitable Light and Power Company—steam, services	1
Olympic Salt Water Company—repairs to mains	2
Pacific Telephone and Telegraph Co.—mains, blocks	12
Pacific Telephone and Telegraph Co.—services	40
Home Telephone Company—repairs to mains	2
Home Telephone Company—services	3
Municipal Light and Power Co.—mains, blocks	2
Municipal Light and Power Co.—services	5
	3,233
Western Union Telegraph Company—mains, blocks	1
Western Union Telegraph Company—services	5
Auxiliary Fire Alarm Co.—services	4
Sierra Light and Power Company—mains, blocks	2
Sierra Light and Power Company—mains, crossings	2
Metropolitan Light and Power Company—services	5
Total trench openings	3,252

REPORT OF INSPECTOR D. J. O'BRIEN.

DISTRICT—East line of Taylor Street to Ocean Boulevard, and center of Haight Street to North Water Line of the bay.

Examinations and reports made upon the following matters:

Street space permits	1,514
House moving examinations and reports	14
Petitions	30
Notices to construct bulkheads	70
Notices to remove obstructions	51
Notices—Miscellaneous complaints	156
Notifications to repair side sewers	14
Inspection—Corporation trench openings	3,512
Total	5,361

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Street openings for Main and Service pipes and conduits by Public Service Corporations:

Pacific Telephone and Telegraph Company—mains	63
Home Telephone Company—mains	15
City Electric Company—mains	23
City Electric Company—services	43
Equitable Light and Power Company	5
Pacific Gas and Electric Company—mains	145
Pacific Gas and Electric Company—services	3,047
Spring Valley Water Company—services	1,557
Metropolitan Light and Power Company—services	163
Total trench openings	5,061

REPORT OF INSPECTOR EDWARD BARRON.

(July 1, 1911 to February 8, 1912.)

DISTRICT—West of Ninth Street and South of Haight Street, comprising the Mission, Noe Valley, Ashbury Heights, Sunset, Parkside, Ingleside, Ocean View, San Bruno, South San Francisco, 48th Avenue and to the ocean.

Examinations and Reports made upon the following matters:

Street space permits	734
House Moving permits	3
Notices to repair side sewers	1
Complaints acted on	17
Petitions acted on	11
Total	766

Street Openings for main and service pipes by Public Service Corporations:

Pacific Gas and Electric Company	581
Spring Valley Water Company	196
City Electric Company	7
Pacific Telephone and Telegraph Company	2
Total trench openings	786

REPORT OF INSPECTOR O'CONNOR.

(February 8, 1912 to June 30, 1912.)

Inspector Edward Barron was succeeded by Inspector Richard W. O'Connor, February 8th, 1912.

Examinations and Reports made upon the following matters:

Street space permits	558
House moving permits	6
Notices to repair side sewers	3
Notices to construct bulkheads	24
Notices to remove obstructions	37
Notices—Miscellaneous; written and oral	50
Investigation and adjustment of complaints	88
Investigation of petitions	22
Total	788

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Street openings for main and service pipes and conduits by Public Service Corporations:

Pacific Gas and Electric Company—services	1,612
Pacific Gas and Electric Company—mains	104
Spring Valley Water Company—services	326
City Electric Company—services	5
Pacific Telephone and Telegraph Company—services	3
Total trench openings	2,050

SIDEWALK INSPECTION.

There were four inspectors whose principal duties were the preparation and service of notices requiring property owners to construct or repair sidewalks, in conformity with Section 16 of Chapter II, Article VI of the Charter.

During the year there were 649,499 square feet of sidewalks laid by property owners through the efforts of these inspectors.

The other duties performed are set forth in the following reports of the work accomplished by each inspector.

REPORT OF INSPECTOR ANTHONY FLYNN.

From July 1st, 1911 to July 1st, 1912.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Sansome	Clay—Commercial	1	1	2,785
Haight	Gough—Octavia	1	1	50
Larkin	N. W. Cor. Ash Ave.	1	1	360
21st	Guerrero—Valencia	1	1	75
Larkin	Sacramento—Clay	1	1	540
3rd	Perry—Silver	1	1	375
Castro	S. W. Cor. 15th	1	1	1,350
Sansome	Clay—Commercial	1	1	2,785
Haight	Gough—Octavia	1	1	50
				8,370

MISCELLANEOUS CALLS AND INSPECTIONS.

Street.	Between.	Notices Served.	Complied.	
Clayton	Waller—Frederick	1	1	Repairs
Hermann	Fillmore—Steiner	1	1	Repairs
Haight	Divisadero—Broderick	1	1	Repairs
Buchanan	Pine—Bush	2	2	Repairs
Powell	Pine—California	1	1	Walk cleared.
22nd	N.E. & S.E. Chattanooga	1	1	Repairs made.
Hyde	N.E. Cor. Filbert	1	1	Repairs made.
Linden Ave	S.E. Cor. Laguna	1	1	Repairs made.
Townsend	Japan—2nd St.	1	1	Repairs made.
Clayton	Waller—Frederick	1	1	Repairs
Hermann	Fillmore—Steiner	1	1	Repairs
Haight	Divisadero—Broderick	1	1	Repairs
Buchanan	Pine—Bush	1	1	Repairs

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REPORT OF INSPECTOR E. LAWTON.

July 1st, 1911 to July 1st, 1912.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Cole	Grove—Fulton	5	4	3,000
Drumm	N. W. Sacramento	2	2	1,200
Filbert	Leavenworth—Jones	3	0	
Battery	Commercial—Clay	1	1	600
Presidio Ave.	Corner Pine	1	1	1,425
Spear	N. W. Mission	3	1	1,194
Larkin	Green—Union	4	4	1,890
Broderick	Turk—Eddy	3	3	1,750
Hyde	Broadway—Vallejo	6	6	1,915
11th Avenue	Geary—Anza	7	7	2,750
Filbert	Hyde—Larkin	5	5	3,330
O'Farrell	Jones—Taylor	3	2	750
Grant Avenue	N. W. Union	2	2	1,000
Merchant	Montgomery—Kearny	3	3	800
Powell	N. W. Sutter	1	1	1,200
Eddy	Larkin—Polk	1	1	1,712
Pacific Ave.	S. W. Lyon	1	1	360
Sacramento	Kearny—Grant Ave.	1	1	600
11th Avenue	B—C	8		
California	21st—22nd Avenues	1	1	225
Sutter	Van Ness—Polk	1	1	100
Hyde	Greenwich—Lombard	4	3	1,708
18th	S. E. Lapidge	1	1	585
Masonic Ave.	Haight—Waller	1	1	560
Fulton	Franklin—Gough	2	2	2,470
Lily Ave.	Buchanan—Laguna	5	2	270
Parnassus Ave.	Cole—Shrader	3	2	1,620
Jones	Eddy—Turk	1	1	2,063
Bush	S. W. Mason	1		
Turk	Jones—Leavenworth	6	5	4,000
Jackson	Walnut—Laurel	1	1	225
Bush	Jones—Grant Ave.	38	16	11,770
Pine	Jones—Taylor	1	1	775
Jones	Bush—Pine	1	1	750
Clay	Kearny—Montgomery	1	1	495
Franklin	Filbert—Union	1	1	1,188
Filbert	Franklin—Van Ness	2	2	1,800
24th	N. E. Cor. Guerrero	1	1	
Filbert	Franklin—Van Ness	4	4	2,565
Franklin	Greenwich—Lombard	3	2	600
Franklin	Union—Filbert	1	1	3,300
Franklin	Greenwich—Filbert	2	1	900
Greenwich	Franklin—Gough	2	1	325
Greenwich	Buchanan—Webster	9	6	3,375
Greenwich	Fillmore—Webster	2		
Webster	Filbert—Lombard	3	1	1,430
Buchanan	Greenwich—Lombard	2	2	2,250
Gough	Greenwich—Lombard	6	5	3,625
Gough	Filbert—Union	1	1	2,045
Filbert	Franklin—Gough	8	7	3,370
Ellis	S. E. Cor. Taylor	2	2	2,425

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REPORT OF INSPECTOR E. LAWTON.—Cont'd.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Folsom	7th—9th	5	1	1,200
Greenwich	Jones—Taylor	5	2	900
Turk	Jones—Taylor	1	1	960
Polk	Jackson-Pacific Ave.	1	1	750
Post	Mason—Jones	9	9	3,685
Vallejo	Fillmore—Steiner	2	2	375
Folsom	S. E. Cor. Hawthorne	1	1	1,010
Hartford	S. W. Cor. 17th	1	1	3,170
Hyde	Pine—California	3	8	720
Steiner	Union—Filbert	1	1	1,575
Polk	N. W. Broadway	1	1	200
Fulton	Octavia—Laguna	4	4	1,666
Geary	Mason—Van Ness	24	16	14,011
Sutter	Montgomery—Sansome	1	1	300
Florida	20th—21st	11	11	10,450
Larkin	O'Farrell—Myrtle	1	1	1,200
McAllister	1st Ave.—Willard	2	2	790
Broadway	Larkin—Polk	1	1	400
Sansome	Jackson—S. W. Cor.	1	1	100
Grant Ave.	Green—Union	1	1	1,000
Broderick	Greenwich—Lombard	12	12	7,500
Eddy	Taylor—Larkin	12	7	4,200
Battery	Commercial—Clay	1	1	600
Filbert	S. W. Columbus Ave.	2	2	300
Waller	Pierce—Scott	3	3	165
Kansas	23rd—24th	1	1	1,500
Rondell Place	16th—17th	8	7	1,000
27th Avenue	Clement—California	5	5	2,775
Ellis	Jones—Leavenworth	1	1	150
Hyde	Sutter—Bush	1	1	375
Sacramento	Front—Battery	1	1	500
Grove	Cole—Shrader	2	0	
Walnut	Calif.—Sacramento	2	2	166
Second	Brannan—Townsend	3	0	
Parnassus Ave.	Shrader—Stanyan	6	5	3,300
Sacramento	Grant Ave.—Stockton	5	5	2,350
Byington	Webster—Fillmore	4	2	400
Turk	Larkin—Leavenworth	2	2	1,560
Lake	19th—21st Aves.	2	2	1,400
Sacramento	Polk—Larkin	1	0	
Geary	Blake—Collins	2	0	
Green	Hyde—Larkin	1	0	
Clay	Stockton—Grant Ave.	2	1	200
O'Farrell	Jones—Van Ness Ave.	22	12	4,075
Leavenworth	Green—Vallejo	1	0	
Baker	Greenwich—Lombard	3	3	1,875
Greenwich	Broderick—Baker	13	13	7,850
Spruce	Jackson—Presidio Wall	1	1	380
Leavenworth	Eddy—Turk	1	1	100
Ellis	Jones—Leavenworth	1	0	
Lake	2nd—6th Avenue	1	0	
Mission	24th—25th	1	1	525
Larkin	Post—Sutter	1	1	450
Washington	Larkin—Polk	1	1	750

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REPORT OF INSPECTOR E. LAWTON.—Cont'd.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Lake	4th—15th Aves.	3	3	1,700
Golden Gate Ave	Willard—Arguello Blvd.	1	1	690
Parker Ave	Geary—Euclid	1	1	1,500
Pinkney Place	Broadway—Vallejo	5	5	595
Clay	Sansome—Battery	3	3	1,705
22nd	Noe—Castro	1	1	375
Diamond	17th—18th	3	1	375
Castro	14th—15th	1	1	330
Sansome	Clay—Merchant	1	1	2,500
Valencia	14th—15th	1	1	750
Fulton	Parker Ave.—Stanyan	1	1	1,127
Polk	Clay—Washington	1	1	50
Turk	Baker—Broderick	3	0	
Joice	Calif.—Sacramento	1	0	
Divisadero	Fulton—McAllister	1	1	375
Page	Webster—Fillmore	3	3	3,150
Clement	25th—26th Aves.	2	2	750
Lake	15th—26th Aves.	8	8	2,975
17th Avenue	Calif.—Clement	8	7	2,735
Pacific	Kearny—Jones	3	0	
Sutter	Larkin—Polk	1	0	
Market	Van Ness—Franklin	1	1	567
Bush	Larkin—Polk	2	0	
Greenwich	Scott—Broderick	31	13	9,975
Hyde	Geary—Post	1	0	1,300
Webster	Page—Oak	1	0	
Clay	Polk—Van Ness	1	1	100
Myrtle	S. W. Franklin	1	0	
Mission	3rd—4th & S.E. Cor. 4th	1	0	
Lily Avenue	Gough—Octavia	8	5	1,350
Grant Avenue	Sutter—Bush	1	0	
Shrader	Hayes—Grove	1	0	
Stanyan	Page—Oak	1	0	
Taylor	Washington—Jackson	1	0	
Fulton	35th—47th Aves.	32	0	
45th Ave.	Fulton—Cabrillo	11	0	
Grant Ave.	Filbert—Greenwich	1	1	250
Stockton	Broadway—Vallejo	1	0	
Clay	Montgomery—Sansome	1	1	190
Fillmore	Greenwich—Lombard	3	3	
Polk	Pine—California	1	0	
Fillmore	Eddy—Ellis	5	1	825
California	Hyde—Larkin	1	1	1,230
Richland Ave.	Leese—Murray	3	1	300
Montgomery	Pine—Sumner	1	0	
Vallejo	Hyde—Larkin	1	1	1,230
Market	8th—9th	1	1	100
McAllister	Jones—Leavenworth	1	0	
Golden Gate Ave.	Jones—Leavenworth	2	1	1,050
Leavenworth	Union—Filbert	4	0	
Third	Mission—Howard	1	0	
Herman	Buchanan—Webster	1	0	
Duboce Ave.	Buchanan—Church	2	0	
Stockton	Calif.—Sacramento	1	1	Repairs made

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REPORT OF INSPECTOR E. LAWTON.—Cont'd.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
Grove	Polk—Larkin	3	3	Repairs made
Polk	Grove—Fulton	1	1	Repairs made
Larkin	Grove—Fulton	1	0	
Sutter	Powell—Stockton	1	1	Repairs made
Clover	Jones—Leavenworth	1	1	Repairs made
20th	Mission—Valencia	1	0	
19th Avenue	California—Clement	1	0	
20th Avenue	Geary—Clement			
6th Avenue	Geary—Clement	1		
California	15th—16th Aves.	1		
	Total			211,347 sq. ft.

MISCELLANEOUS CALLS, ETC.

Street.	Between.	Notices Served.	Com-plied.	
Broderick	Page—Oak	1	1	Obstruction
Stockton	Bay—Francisco	2	1	Barricade
New Montgomery	Market—Mission	5	4	Repairs
Jones	Washington—Jackson	1	1	Repairs
Annie	S.E. Cor. Jessie	2		Repairs
Third	Howard—Folsom	1	1	Repairs
McAllister	Divisadero—Broderick	2	2	Bulkh'ds-Obstr'ns
Tenth Ave	California—Lake	1	1	Obstructions
Pixley Ave.	Buchanan—Webster	1	1	Fence
Bush	N. W. Cor. Kearny	1	1	Repairs
Central Ave.	Waller—Buena Vista	4	4	Placed Cleats
Fourth	Mission—Market	1	1	Repairs
Polk	Geary—Post			Unfounded
Laguna	S. W. Cor. O'Farrell			Unfounded
Masonic Ave.	Frederick—Waller	2	2	Bulkheads
Fillmore	Sutter—Ellis	5	5	Repairs
Seventh Ave.	Balboa—Cabrillo	1	1	Reconstructed
Bush	Kearny—Grant Ave.	1	1	Repairs
Fulton	Shrader—Stanyan			Repairs
Broadway	Gough—Octavia	1	1	Repairs
McAllister	Gough—Octavia	4	3	Repairs
Vallejo	Gough—Octavia	1	1	Repairs
Broadway	Grant Ave.—Stockton	1	1	Repairs
Geary	S. E. Cor. Gough	1	1	Repairs
Masonic Ave.	Hayes—Fell	1	1	Repairs
O'Farrell	Powell—Mason	1	1	Repairs
Quane	23rd—24th	1	1	Obstructions
McAllister	Buchanan—Webster	1	1	Repairs
Kearny	Broadway—Vallejo	1	1	Steps & Pl'k Wk.
California	Jones—Leavenworth	1		Unfounded
Lily Avenue	Gough—Octavia	1	1	Obstruction
Eddy	Mason—Taylor	1	1	Repairs
Howard	5th—6th	2	2	Repairs
Oakdale Ave.	Railroad Ave.—Newhall			Report on accid't
Windsor Place	Kearny—Montgomery			Drainage
Broderick	S. W. Cor. Turk			Unfounded

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MISCELLANEOUS CALLS, ETC.—Cont'd.

Street.	Between.	Notices Served.	Com-plied.	
Grant Ave.	Filbert—Union	3	3	Rail & Plank Wk.
Market	Spear—Steuart	8	3	Rail & Plank Wk.
Stanyan	Beulah—Frederick	1		Rep. Bd. Super's
Market	Marshall Sq.—Larkin	1	1	Repairs
Clay	Davis—Front	1	1	Obstruction
California	Jones—Taylor	1	1	Obstruction
Larkin	Sacramento—Clay	0	0	Unfounded
Post	Broderick—Baker	1	1	Bulkheads
Sixth	Clary—Shipley	1	1	Repairs
Hayes	Ashbury—Clayton	1	1	Report on file
Market	Calif.—Sacramento	3	3	Defects remedied
Third	Market—Stevenson			Time extended
Hayes	Franklin—Gough	3	1	Repairs
Sacramento	Van Ness—Franklin	1	1	Repairs
Gough	Linden Ave.—Fell	1	1	Repairs
Polk	Pine—Bush	1	0	Repairs
Jackson	Lyon—Presidio Wall	3	3	Obstruction
Washington	Powell—Stockton	1	1	Repairs
Clement	4th—5th Aves.	1	1	Repairs
Salmon Alley	at Broadway			Examined
Jackson	Davis—Drumm	1	1	Repairs
Waller	Masonic—Central Ave.	1	1	Bulkh'd repair'd
New Montgomery	Market—Mission	1	1	Repairs
Market	Taylor—Mason	1	1	Signs removed
Market	8th—9th	1	1	Repairs
Kearny	Green—Union	2	2	Repairs
Chestnut	Sansome—Montgomery	1	0	Report
Bush	Stockton—Grant Ave.			Referred
New Montgomery	Howard—Mission			Report
Post	Divisadero—Broderick			Report
Post	Mason—Taylor			Referred

REPORT OF INSPECTOR JOSEPH I. DIMOND.

From July 1st, 1911 to January 30th, 1912.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
San Bruno Ave.	23rd—24th	3	2	750
Duncan	Church—Sanchez	5	5	2,325
Fair Avenue	Coleridge—Mission	6	2	860
17th	Guerrero—Dolores	8	4	1,000
Clay	Spruce—Maple	2	1	375
Mission	18th—24th	12	10	2,100
Whitney	30th—Randall	15	14	4,500
Folsom	4th—5th	9	4	3,445
Danvers	18th—Corbett Ave.	5	5	1,955
Merritt	Hattie—Danvers	7	6	1,510
Mission	6th—7th	5	5	1,000
30th	Dame—Whitney	4	1	380
Natoma	N. E. Cor. 9th	1	1	650
Main	Mission—Howard	1	1	2,415
Mission	Main—Beale	1	1	690
Chenery	Miguel—30th	38	27	5,400

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REPORT OF INSPECTOR JOSEPH I. DIMOND.—Cont'd.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
Whitney	Randall—Fairmount	6	2	710
Randall	Harper—Whitney	19	7	2,855
Randall	Chenery—Whitney	13	12	5,400
Dolores	27th—Duncan	5	5	3,185
28th	Dolores—Sanchez	14	14	7,460
Potrero Ave.	N. W. Cor. 23rd	1	1	225
Guerrero	N. E. Cor. 24th	2		
24th	San Jose Ave.—Guerrero	1		
Jersey	N. W. Cor. Dolores	1	1	1,310
San Jose Ave.	22nd—24th	4	3	700
Fair Oaks	24th—25th	1		
Dolores	24th—25th	1	1	300
Bryant	24th—25th	3	3	1,735
Howard	17th—18th	4	2	2,725
Florida	25th—26th	1	1	385
Guerrero	N. W. Cor. 19th	2	2	1,525
30th	Chenery—Dame	1	1	810
21st	Harrison—Alabama	1	1	1,500
Alabama	22nd—23rd	8	7	3,640
Fillmore	Sutter—Eddy	10	10	1,000
Steiner	Eddy—Turk	1	1	225
Clinton Park	Valencia—Guerrero	2	1	420
San Carlos Ave.	18th—19th	5	5	1,125
14th	Howard—Folsom	9	3	1,080
Howard	1st—2nd	5	3	100
10th Ave.	California—Lake	1	1	450
Noe	23rd—Hill	6	5	2,150
Golden Gate Ave.	Baker—Lyon	1	1	100
Chenery	30th—Glen Park	60	37	9,700
Treat Ave.	21st—22nd	1	1	750
York	24th—25th	3	2	1,200
Lizzie	Mission—Coleridge	5	2	375
Diamond	24th—25th	1	1	450
Arkansas	20th—21st	4	0	
20th	Missouri—Arkansas	3	0	
Montezuma	Coso Ave.—Prospect	2	0	
5th	Harrison—Perry	4	0	
Potrero Ave.	N. E. Cor. 23rd	1	0	
Shotwell	17th—18th	1	0	
18th	Howard—Capp	1	0	
Potrero Ave.	22nd—23rd	3	0	
Prospect Ave.	Virginia—Eugenia	10	0	
Shotwell	19th—20th	1	0	

Total 91,275 Sq. Ft.

MISCELLANEOUS CALLS AND INSPECTIONS.

Street.	Between.	Notices Served.	Com-plied.	
Bryant	2nd—3rd	1	1	Repairs
Mission	1st—2nd	1	1	Repairs
Colton	Brady—Crocker	1		

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MISCELLANEOUS CALLS AND INSPECTIONS.—Cont'd.

Street.	Between.	Notices Served.	Complied.	
Valencia	McCoppin—Duboce Ave.	3	2	Repairs
Battery	Sacramento—California	3	3	Repairs
Filbert	Scott—Pierce	7	7	Obstructns Rmvd
Dolores	N. E. Cor. 22nd	1	1	Repairs
Davis	Pine—California	1	1	Defects remed'd.
Broderick	Golden Gate Ave.—Turk	1		Referred
Lyon	Fulton—Grove	1	1	Repairs
Bryant	2nd—3rd	1	1	Repairs
Brannan	1st—Sea Wall			Report
O'Farrell	N. W. Cor Buchanan			Ref-Swr-Dept.

REPORT OF INSPECTOR J. M. NEWBERT.

From July 1st, 1911 to December 15th, 1911.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Taylor	Sutter—Bush	2	2	300
Sansome	Pacific—Broadway	1	0	
Stevenson	5th—6th	23	1	525
Ringold	8th—9th	18	1	525
Vicksburg	23rd—24th	2	2	750
Commercial	Montgomery—Kearny	2	2	420
18th	Noe—Castro	6	2	250
Jones	N. W. Cor. Eddy	4	0	
Valencia	16th—21st	26	18	6,680
Castro	20th—21st	1	1	525
Taylor	Geary—O'Farrell	3	0	
Hyde	M'Allister—G. G. Ave.	1	1	525
Clipper	Dolores—Church	10	10	5,125
Taylor	Geary—Post	4	1	750
Oak	Franklin—Gough	6	5	1,700
Folsom	7th—8th	1	1	750
Baker	Sutter—Bush	1	1	375
25th	Diamond—Douglass	17	17	5,600
8th	Folsom—Harrison	14	2	2,025
Mission	5th—6th	1	1	100
21st	Dolores—Church	3	3	1,980
22nd	Dolores—Church	5	5	3,475
Chattanooga	21st—22nd	24	24	8,310
Brannan	S. E. Cor. 7th	2	2	720
Elizabeth	Castro—Diamond	7	6	4,425
10th Ave.	Lawton—Kirkham	8	4	825
Valencia	21st—22nd	1	1	150
Valencia	15th—16th	5	3	1,250
Valencia	24th—26th—Army	3	1	540
Guerrero	25th—26th	2	1	250
24th	Guerrero—Fair Oaks	1	1	150
Castro	16th—Beaver	1	1	475
15th	S. E. Cor. Dolores	3	0	
O'Farrell	Leavenworth—Hyde	4	1	200
21st	Diamond—Hoffman Ave.	8	8	3,600
23rd	Diamond—Hoffman Ave.	8	6	2,200

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REPORT OF INSPECTOR J. M. NEWBERT.—Cont'd.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
29th	Dolores—Church	1	1	300
Folsom	6th—7th	20	14	7,460
Green	Polk—Larkin	1	1	500
Ritch	Folsom—Harrison	16	0	
8th	Market—Mission	4	2	400
Folsom	7th—9th	57	47	21,535
Golden Gate Ave.	Jones—Taylor	3	3	900
Hyde	G. G. Ave—Turk	4	0	
7th	Brannan—Townsend	1	1	1,650
Mission	Main—Spear	1	0	
Castro	16th—17th	3	3	1,155
Castro	16th—Market	2	2	1,045
Douglass	18th—19th	4	2	825
Caselli Ave.	Douglass—Clover	3	0	Total 82,895 Sq. Ft.

MISCELLANEOUS CALLS AND EXAMINATIONS.

Street.	Between.	Notices Served.	Complied.	
6th	Jessie—Mission	1	1	Repairs
Fillmore	O'Farrell—Ellis	1	1	Repairs
Polk	Eddy—Turk	1	1	Repairs
Bush	Scott—Pierce	1	1	Repairs
10th	Bryant—Harrison			No action
Mission	10th—11th			Unfounded
23rd	Chattanooga—Church	2	1	Repairs
City Hall Ave.	Marshall Sq.—Larkin	3	3	Barricades
Birch Ave.	Octavia—Laguna	1	1	Repairs
Green	Polk—Larkin	1	1	Obs. rmvd
7th	Howard—Folsom			Below Gr. report
Benham Place	Clay—Washington	1	1	Bulkhead built

REPORT OF INSPECTOR C. McAULIFFE.

From July 1st, 1911 to January 30th, 1912.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
14th Avenue	Geary—Clement	14	12	3,900
Kirkham	8th—9th Aves	3	3	450
Balboa	7th—8th Aves	1	1	290
31st Ave	Calif.—Clement	13	5	1,155
35th Ave.	Geary—Clement	30	22	6,205
23rd Ave.	Calif.—Clement	13	9	2,450
Johnson Ave.	Geary—St. Rose's	6	0	
Union	Divisadero—Broderick	2	2	465
23rd Ave.	Clement—Geary	17	15	6,860
18th Ave.	Calif.—Geary	23	15	7,500
Clement	21st—24th Aves.	2	0	
Clement	26th—27th Aves.	7	3	900
15th Ave.	Clement—Geary	5	3	1,300
14th Ave.	Clement—Lake	5	2	1,350
California	24th—25th Aves.	1	1	1,440

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REPORT OF INSPECTOR C. McAULIFFE.—Cont'd.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
18th Ave.	Lake—California	18	17	6,400
Connecticut	18th—19th	1	0	
19th	Connecticut—Missouri	1	0	
Missouri	18th—19th	2	2	450
Folsom	26th—Army	1	0	
Pixley	Fillmore—Steiner	18	16	3,550
Pennsylvania Ave	18th—19th	13	10	3,000
9th Avenue	Clement—California	8	8	2,325
Clayton	Ashbury—Parnassus Ave	4	3	1,540
Ashbury	Clifford—Clayton	9	8	2,755
6th Ave.	Geary—Clement	1	1	375
13th Ave.	California—Lake	1	0	
Isis	12th—13th	3	1	720
Golden Gate Ave.	Willard—Stanyan	1	0	
25th	Church—Dolores	5	2	705
29th Ave.	Geary—Anza	3	1	150
Clifford	Ashbury—Upper Terrace	25	13	4,875
Noe	29th—Valley	6	0	
Minna	2nd—3rd	3	0	
21st	Florida—Alabama	4	3	3,250
21st Ave.	California—Clement	3	3	1,380
21st Ave.	Geary—Anza	3	1	225
Diamond	20th—21st	10	10	2,910
Clement	25th—26th Aves.	1	0	
Blake	Geary—Laurel Hill Cmy	7	0	
	Total			68,875 Sq. Ft

MISCELLANEOUS CALLS AND INSPECTIONS.

Street.	Between	Notices Served.	Com-plied.	
Bryant	20th—21st	1	1	Repairs
Harrison	28th—Army			Trivial
California	16th—25th Aves	13	13	Bulkheads built
Eureka	21st—23rd	2	2	Obstr'ns removed
Clay	S.W. Cor. Leavenworth	2	1	Repairs made

REPORT OF INSPECTOR JAMES NEWSOM.

Inspector Newsom was employed during the month of January 1912.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
25th	Folsom—Shotwell	1	0	
Hallam	Folsom—Harrison	7	6	1,155
22nd Avenue	Clement—Geary	8	0	
Leavenworth	Geary—O'Farrell	2	2	300
Hugo	H—I	2	0	
6th Avenue	Fulton—Cabrillo	1	0	
Parnassus Ave.	Willard—1st Ave.	10	0	
Brannan	4th—5th	1	0	
Hampshire	22nd—23rd	2	2	750
Russ	Howard—Folsom	8	5	2,500
	Total			4,705 Sq. Ft.

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REPORT OF INSPECTOR A. L. GALLAGHER.

From February 1st, 1912 to June 30th, 1912.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Mission	Steuart—Spear	2	2	1,100
Valencia	McCoppin—Duboce	2	2	475
Valencia	Hermann—Duboce	2	1	225
Randall	Whitney—Harper	15	12	4,300
Seventh	S.E. Cor. Brannan	2	2	800
Castro	N.E. Cor. Elizabeth	1	0	
Noe	at Alvarado	1	0	
Hoffman Ave.	22nd—23rd	5	3	1,200
Dolores	24th—25th	2	0	
Chenery	30th—Castro	10	5	1,315
22nd	Hoffman Ave.—Douglass	21	21	6,150
Alvarado	Hoffman Ave.—Douglass	20	20	9,200
23rd	Eureka—Douglass	2	0	
23rd	Diamond—Dougalss	1	0	
23rd	Noe—Castro	5	3	1,950
Elizabeth	Hoffman Ave.—Douglass	5	2	615
Dame	30th—Randall	22	19	6,875
Natoma	7th—8th	16	9	6,425
Sycamore	Mission—San Carlos	4	0	
19th	Valencia—Guerrero	1		
17th	S.E. Cor. Mission	1	1	200
Steuart	Market—Harrison	5	0	
Spear	Market—Folsom	9	6	5,500
Howard	Spear—Steuart	6	3	1,100
Market	Spear—Main	1	0	
Florida	N. W. Cor. 25th	2	0	
Folsom	12th—13th	2	2	375
Natoma	6th—7th	1	0	
15th	Valencia—Guerrero	3	3	1,600
Clipper	Church—Dolores	1	0	
Folsom	14th—15th	2	0	
Folsom	11th—12th	6	6	2,000
Elizabeth	S.E. Cor. Diamond	2	0	
Minna	7th—8th	27	18	5,795
Vermont	18th—Mariposa	5	5	2,625
Diamond	Joost Ave.—Berkshire	10	6	2,025
Utah	17th—Mariposa	13	7	3,535
York	22nd—23rd	2	1	375
Prospect Ave.	Virginia—Esmeralda	2	0	
Mission	18th—19th	3	2	300
30th	Dolores—Chenery	4	4	2,405
Mission	Amazon Ave.—C'ty L.	130	43	35,205
Treat Ave	22nd—23rd	9	2	2,160
14th	Guerrero—Dolores	1	0	
Steuart	Market—Mission	2	0	
Market	Spear—Main	2	0	
Golden Gate Ave.	Van Ness—Fillmore	8	0	
Railroad Ave	9th—10th Aves.	1	1	1,000
4th	Bryant—Brannan	4	0	

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REPORT OF INSPECTOR A. L. GALLAGHER.—Cont'd.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
Clementina	8th—9th	23	9	2,625
17th	Potrero Ave.—Utah	2	0	
Caselli Ave	Douglass—Clover	2	0	
Market	14th—Dolores	5	0	
14th	S.E. Cor. Landers	1	0	
McAllister	Divisadero—Broderick	1	0	
Bartlett	S.E. Cor. 24th	1	1	1,950
Ashbury	S.W. Cor. Hayes	2	0	
	Total			114,405 Sq. Ft.

MISCELLANEOUS CALLS AND INSPECTIONS.

Street.	Between.	Notices Served.	Complied.	
30th Ave.	California—Clement	1		Ref. Bd Educat'n
Broadway	Broderick—Baker			Ref. Bd Educat'n
21st	Valencia—Guerrero			Unfounded
Laguna	N.W. Cor. Fulton	2	2	Bulkheads
Army	Alabama—Harrison			Unfounded
Mission	17th—18th	1	1	Rep's; barricade
Octavia	Grove—Fulton	1		Oral notice obeyed
Jersey	N.W. Cor. Diamond			Res of expediency
Clipper	N.W. Cor. Castro			Res of expediency
19th	Noe—Sanchez	1		Barricade
Ashbury	S.W. Cor. Hayes	2		Unfounded

REPORT OF INSPECTOR W. J. TURNER.

From February 1st, 1912 to June 30th, 1912.

Street.	Between.	Notices Served.	Complied.	Sq. Ft. Constructed.
14th Ave.	Geary—Clement	3	3	750
31st Ave.	Calif.—Clement	15	10	1,010
35th Ave.	Geary—Clement	6		
18th Ave.	California—Lake	2	0	
11th Ave.	Geary—Anza	1	1	225
18th Ave.	Calif.—Clement	3	3	1,125
18th Ave.	California—Lake	1	0	
California	21st—22nd Aves.	1	1	225
Folsom	7th—9th	1	0	
Isis	12th—13th	2	1	720
Sherman	Folsom—Cleveland	4	0	
25th	Church—Dolores	1	0	
Haight	Gough—Octavia	1	0	
22nd Ave.	Clement—Geary	10	4	1,375
Chenery	30th—Castro	5	2	840
Clifford	Ashbury—Upper Terrace	11	3	825
6th Ave	Fulton—Cabrillo	1	1	225

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REPORT OF INSPECTOR W. J. TURNER.—Cont'd.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
Minna	2nd—3rd Streets	4	1	150
Cornwall	2nd—3rd Aves.	1	0	
25th	Florida—Bryant	3	3	1,500
Florida	N. W. Cor. 23rd	1	1	50
Clement	22nd—23rd Aves.	4	4	950
Anza	11th—12th Aves.	13	10	3,525
Cabrillo	1st—4th Aves.	2	0	
Cabrillo	9th—11th Aves.	8	7	3,845
3rd Ave.	Geary—Balboa	5		
5th Ave.	Geary—Balboa	5	0	
6th Ave.	Anza—Fulton	2	0	
7th Ave.	Anza—Balboa	4		5,080
11th Ave.	Anza—Balboa	4	4	
11th Ave.	Cabrillo—Fulton	16	15	6,230
California	3rd—4th Aves.	1	0	
Geary	5th—8th Aves.	4	3	325
Clement	2nd—3rd Aves.	1	1	100
Hinckley	Kearny—Grant Ave.	1	1	500
Natoma	14th—15th	4	1	300
Brannan	5th—6th	1	0	
Hayes	Gough—Octavia	2	0	
California	S. E. Cor. Parker Ave.	1	0	
Tennessee	20th—22nd	7	1	375
Lizzie	Mission—Coleridge	3	0	
Douglass	16th—17th	7	1	530
5th Ave.	Geary—Anza	1	0	
7th Ave.	Geary—Anza	1	0	
9th Ave.	Geary—Anza	3	2	450
2nd Ave.	Geary—Anza	1	1	240
Cabrillo	8th—9th Aves.	5	3	2,500
Anza	9th—10th Aves.	4	4	975
25th	Noe—Church	2	2	750
21st Ave.	Anza—Balboa	1	1	600
Hickory	Gough—Franklin	10	0	
Church	26th—Army	1	1	800
9th	Market—Folsom	15	0	
Van Ness Ave	Fell—Oak	1	0	
Blake	Geary—Laurel Hill	2	0	
Hickory	Van Ness—Franklin	11	0	
Kansas	24th—25th	9	7	3,150
46th Ave	Irving—Judah	2	0	
17th	Noe—Castro	1	0	
Clement	15th—16th	8	4	2,455
Larkin	Golden Gate—Turk	4	1	240
Polk	Eddy—Ellis	1	1	2,135
Dolores	20th—21st	7	1	765
10th Ave.	Balboa—Cabrillo	11	8	7,461
Hyde	Eddy—Turk	3	0	
19th Ave.	Geary—Anza	22	11	4,950
19th Ave.	Balboa—Anza	25	9	3,950
Bruce Place	West from Hallam	3	1	150
Larkin	Union—Filbert	1	0	
2nd	Bryant—Market	4	0	
Green	Broderick—Divisadero	4	0	

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REPORT OF INSPECTOR W. J. TURNER.—Cont'd.

Street.	Between.	Notices Served.	Com-plied.	Sq. Ft. Constructed.
Tehama	8th—9th	16	8	1,302
10th	Harrison—Bryant	14	4	1,750
San Bruno Ave.		3	0	
Mission	4th—5th	1	1	250
Baker	Vallejo—Filbert	8	0	
Clement	S.E. Cor. 18th Ave.	2	0	
Clement	17th—18th Aves.	3	0	
18th	Dolores—Guerrero	3	2	1,574
4th	Brannan—Bluxome	1	0	
2nd Ave.	Lake—Presidio Terrace	1	1	900
Virginia Ave.	Prospect Ave.—Elsie	3		
Lake	4th—5th Aves.			
	Total			67,627 Sq. Ft.

MISCELLANEOUS CALLS AND INSPECTIONS.

Street.	Between.	Notices Served.	Com-plied.	
3rd	South Park—Bryant	1	1	Repairs
2nd	Bryant—Harrison	1	1	Barricade built
Larkin	Pine—California	1	1	Repairs made
2nd Ave.	S.E. Cor. Geary	1	1	Obstr'ns removed
Dolores	Cr. 27—Army & Duncan	1	1	Fence built
2nd	King—Townsend	2	2	Repairs made
Post	Scott—Divisadero	2	2	Repairs
Harrison	N.E. Cor. 6th	1		Ref St. rep. dept.
3rd Ave.	Calif.—Clement	2	2	Repairs
4th Ave	Geary—Clement	1	1	Obstructions
Commercial	Montgy—Leidesdorff	1	1	Repairs
6th	Mission—Howard	1	1	Plank walk built
Kirkham	46th—47th Aves.	1	1	Report filed
25th	Florida—Alabama	1	1	Repairs
Haight	Laguna—Buchanan	1	1	Repairs
Wilmot	Fillmore—Steiner	5	1	Repairs
Hayes	Franklin—Gough	1	1	Rep's, fence built
Diamond	Cor. 25th			
Market	Taylor—Mason	1	1	Changes made
Mariposa	West of Indiana			Report
Mission	5th—6th	2	2	Bulkheads
Mission	7th—8th	4	1	Repairs
Mission	8th—9th	6	5	Repairs
Geary	Mason—Taylor	1	1	Walk cleared
Merchant	Kearny—Montgomery	1	1	Obstr'ns removed
Turk	Mason—Taylor	1	1	Obstr'n removed
Market	5th—6th	1	1	Walk low. to grade
Sacramento	Locust—Spruce	1	1	Walk low. to grade
2nd	Brannan—Townsend	1	1	Obstr'ns removed

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BOOKKEEPER'S REPORT

SALARIES.

PURPOSE INTENDED.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
General Office and Bureaus	$245,000.00	$244,526.64	$ 473.36		Expenditure optional.

GENERAL MAINTENANCE.

Cleaning and Sprinkling Streets	305,000.00	306.754.07		$1,754.07	
Maintenance—Transportation etc	15,000.00	13,204.81	1,795.19		Segregation optional.
	$320,000.00	$319,958.88	$1,795.19	$1,754.07	

MISCELLANEOUS—SURVEYS, ETC.

Market Street Homestead and other miscellaneous districts including Laurel Hill Cemetery	$ 53,800.00	$ 53,309.63	$ 490.37		Direction of City Engineer.
Reis Tract, Visitacion Valley	500.00	500.00			Profile map.
Twin Peaks Tunnel—Plans, etc	2,000.00		2,000.00		Forward to 1912-1913.
Fillmore Street Tunnel—Borings, etc.	2,000.00	1,520.00	480.00		Forward to 1912-1913.
Stockton Street Tunnel—Plans, etc	2,000.00	1,,269.12	730.88		Forward to 1912-1913.
Ulloa, Sloat Boulevard, 19th Ave. etc.,	1,000.00	1,000.00			
	$ 61,300.00	$ 57,598.75	$3,701.25		
Total net surplus			$4,215.73		
Less balance transferred to 1912-1913			3,210.88		
Net Surplus			$1,004.85		

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STREETS AND SEWERS: ROADS AND BOULEVARDS—BRIDGES, ETC.

PURPOSE INTENDED.	Appropriation.	Expended.	Surplus.	Overdraft.	Remarks.
Streets and Sewers—General	$710,000.00	$706,666.20	$ 3,333.80		Streets, $335,772.22 Asphalt, 183,689.22 Sewers, 187,204.76
Shotwell, between 14th and 16th	10,000.00	2,525.75	7,474.25		Paving—Balance returned.
Buena Vista Avenue	5,000.00	2,786.75	2,213.25		Paving—Balance returned.
Sansome, between Jackson and Market	2,400.00	1,729.52	670.48		Paving—Balance returned.
Safety Station, 3rd and Market	2,100.00	2,047.00	53.00		
Safety Station, Jones and Market	2,200.00	2,010.56	189.44		
Safety Station, Market, Bush and First	2,100.00	1,895.00	205.00		
California—Battery to Sansome	4,500.00	4,482.30	17.70		Paving—Gutters, etc.
Harrison—East of Second	800.00		800.00		Grading—Forwarded to 1912.
Waller—Octavia to Laguna	2,100.00	815.75	1,284.25		Paving—Balance used.
Materials—Asphalt Plant	1,284.25	1,276.98	7.25		For purchase of material.
Bridge—Miguel and Richland Avenues	10,700.00	10,653.69	46.31		Carried over from 1910-1911
Dolores St.—Parking 21st to 22nd	1,350.00	1,268.00	82.00		" " " " "
Berry St., 2nd to 3rd	1,400.00		1,400.00		" " " " " and transferred to 1912-1913.
Mission St. Viaduct, Southerly Sec.	104,635.00	70,782.09	33,852.91		Forwarded from 1909-10 & 1910-11. Balances carried forwarded to 1912-13. All contracts nearing completion.
Mission St. Viaduct Northerly Sec. including Plans, etc.	111,000.00	90,504.77	20,495.23		
Safety Station—Market and 14th	2,100.00	1,945.00	155.00		
19th Ave. between I and J—Sidewalks	1,000.00	875.35	124.65		Carried over from 1910-1911.
Corbett Road, between Ord and Douglass	4,350.00	4,341.06	8.94		Contract $3,901.84—Completed.
Hydrants—Setting back	1,500.00	1,480.00	20.00		
Kearny—California to Sacramento	4,500.00	3,573.80	926.20		Contract $3,728.04—Paving.
Bay Street Sewer Reconstructed	500.00	495.30	4.70		
Repairs to Cisterns	3,800.00	3,741.80	58.20		
Holly Park—Coping, etc.	10,000.00		10,000.00		No work done—money returned.
Zoe—Freelon and 24th Streets	10,000.00	9,962.05	37.95		Paving.

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Folsom—Tehama, Harrison and Sherman	8,100.00	8,093.16	6.84		Repaving.
Lyon, between Union and Filbert	4,000.00	2,455.52	1,544.48		Grading and paving.
Gough Street Widening	1,958.50	1,930.00	28.50		Transfer from special deposit.
California—Battery to Front	4,000.00	3,409.59	590.41		Paving.
12th Ave.—Kirkham to Lawton	970.50	970.50			Paving.
Repairs 3rd Street Bridge	200.00	141.95	58.05		
Bridge—Harrison across Beale	11,433.82		11,433.82		Amt. of State of California assessment: Cred., Beale St. Grade a/c
Golden Gate Park Septic Tank	1,245.00	1,245.00			Subscribed by Property Owners.
	$1,041,227.07	$944,104.44	$97,122.63		
Surplus and Unexpended				$97,122.63	
Less amounts transferred to 1912-1913				67,981.96	
* Net Surplus				$29,140.67	

* Part of this surplus was reapportioned during the year by the Finance Committee, Board of Supervisors.

MISCELLANEOUS CONTRACTS—STREETS AND SEWERS.

Location of Work.	Contractors.	Amount.	Class of Work.
Post, between Powell and Mason	Peter McHugh	$ 43.22	Paving.
Crossing Broderick and Eddy	City St. Improvement Co.	225.00	Taking up railroad bed.
Lapidge Street, 18th to 19th	Flinn & Treacy	195.00	Paving, cesspool, resetting curbs.
Erie St., between Howard and Folsom	Raisch Improvement Co.	150.00	Paving.
20th at Illinois	Stanley J. Fay	40.00	Repaving.
Crossing Broderick and Eddy	City St. Improvement Co.	495.00	Paving with bitumen.
Third and Market	J. P. M. Phillips	1,967.00	Safety Station.
Market and Jones	L. H. Westdahl Co.	1,945.56	Safety Station.
Market, Bush and Battery	J. P. M. Phillips	1,800.00	Safety Station.
Market and Church	Geo. J. Robbins	1,875.00	Safety Station.
Seventeenth and Temple	Flinn & Treacy	80.00	Moving catchbasins.
Athens, between Excelsior and Avalon	Wm. Heafey	495.00	Reconstruction of Sewers, etc.

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MISCELLANEOUS CONTRACTS—STREETS AND SEWERS.—Cont'd.

Location of Work.	Contractors.	Amount.	Class of Work.
Illinois, between Eldorado and 18th	Stanley J. Fay	100.00	Moving catchbasins.
N. W. corner 30th and Church	Flinn & Treacy	50.00	Construction of cesspool.
24th and Douglass	Flinn & Treacy	105.00	Moving back 3 catchbasins.
Market, between Valencia and 17th	Flinn & Treacy	87.78	Asphalt patching.
Battery and Sacramento	Raisch & Clark	24.00	Construction Sewer Wing.
Lake and 25th	Barber Asphalt Paving Co.	90.00	Improvement.
Dolores, between 21st and 22nd	Scarrett & Clark	1,098.00	Concrete coping for Parks.
California, between Sansome and Battery	Barber Asphalt Paving Co.	4,227.30	Granite curbs; asphalt pavement; gutter.
Kearny St., California to Sacramento	City St. Improvement Co.	8,298.80	Pavement; curb; cesspools.
N. E. corner 18th Avenue and Clement	City St. Improvement Co.	40.00	Repairs.
California, between Battery and Front	Fay Improvement Co.	3,274.59	Asphalt pavement; gutters; curbs.
14th, between Howard and Harrison	Peter McHugh	259.21	Sewer and appurtenances.
Cook Street, north of St. Rose's Avenue	Peter McHugh	65.00	Reconstruction of Sewer.
Blake and St. Rose's Avenues	Peter McHugh	75.00	Reconst'n of culverts & catchbasins
Blake and St. Rose's Avenues	Peter McHugh	60.00	Reconstruction of Sewers.
Chenery and Mateo	Barber Asphalt Paving Co.	110.00	Reconstruction of 2 catchbasins.

MISCELLANEOUS CONTRACTS—BRIDGES AND VIADUCTS—TUNNELS—HYDRANTS.

Location of Work.	Contractors.	Amount.	Class of Work.
Mission St., between Marshall and Springdale	Healy Tibbitts Const. Co.	$86,541.92	Construction Northern Section.
Mission St., between Marshall and Springdale	Massachusetts Bonding Co. (Sureties for Keystone Const. Co.)	54,674.59	Construction Southerly Section.
Sixth Street Bridge	Union Machine Co.	660.05	Overhauling.
Third Street Bridge	John G. Sutton Co.	46.00	Removing & installing magnet, etc.
Fourth Street Bridge	Union Machine Co.	346.25	Overhauling.
Bridge—Miguel and Richland Avenue	F. Rolandi	9,632.84	Construction.
Fillmore Street	A. Paulsen	1,045.00	Borings.
Various	Spring Valley Water Co.	1,480.00	Resetting hydrants.

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CONTRACTS AWARDED AND WORK COMPLETED—EXPENSE BORNE OUT OF GENERAL FUND.

WORK FRONT OF CITY PROPERTY.

Location of Work.	Contractors.	Amount.	Class of Work.
Buena Vista Avenue and Buena Vista Terrace	Flinn & Treacy	$ 495.00	Granite curbs; asphalt pavement; sidewalks.
Buena Vista Terrace and Duboce Avenue	Flinn & Treacy	495.00	Granite curbs; asphalt pavement; sidewalks.
20th and Douglass	J. G. Harney	499.00	Bituminous pavement.
Fulton and 39th	Owen McHugh	170.00	Brok. rock pavem't, redwood curbs.
Fulton and 41st	Owen McHugh	170.00	Brok. rock pavem't, redwood curbs.
Fulton, between 41st and 42nd	Owen McHugh	495.00	Brok. rock pavem't, redwood curbs.
12th Avenue, between Kirkham and Lawton	City St. Improvement Co.	970.50	Curbs and pavement.
Andover and Cortland Avenue	Barber Asphalt Paving Co.	177.58	Improvement.
Masonic Avenue and Grove	City St. Improvement Co.	455.00	Granite curbs; sidewalk; bit. pvmt.
13th Avenue and Kirkham	J. J. Dowling & Co.	74.62	Curbing, paving, etc.
1st Avenue and Lincoln Way	Barber Asphalt Paving Co.	155.00	Asphalt pavement; curb.
42nd Avenue, between Balboa and Cabrillo	Owen McHugh	260.00	Brok. rock pavem't, redwood curbs.
43rd Avenue, between Geary and Anza	Owen McHugh	495.00	Brok. rock pavem't, redwood curbs.
42nd Avenue, between Geary and Anza	Owen McHugh	495.00	Brok. rock pavem't, redwood curbs.
Corbett Road—Ord to Douglass	Westdahl-Hennessy Co.	4,171.06	Pavement; gutters; sidewalk, etc.
7th Avenue, between Clement and California	J. G. Harney	232.50	Grading.
Clement and 22nd Avenue	City St. Improvement Co.	75.00	Curbs; pavement.
Irving and 18th Avenue	City St. Improvement Co.	65.00	Improvement.
19th Avenue, between Geary and Anza	City St. Improvement Co.	430.00	Improvement.
17th and Ord	Flinn & Treacy	101.58	Improvement.
17th and Douglass	Flinn & Treacy	105.35	Improvement.
19th Avenue, between Balboa and Cabrillo	City St. Improvement Co.	430.00	Improvement.
Scott and Greenwich	J. J. Dowling & Co.	96.87	Curbs; sidewalks; pavements.
43rd Avenue, between Irving and Judah	Blanchard Brown Co.	176.02	Grading.
Treat Avenue and 25th	State Improvement Co.	294.70	Pavement; sewer; manhole.
36th Avenue, opposite Golden Gate Park	T. W. McClenahan & Co.	1,245.00	Construction Septic Tank.
37th Avenue, between Geary and Anza	M. A. Greely	300.00	Grading.

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WORK FRONT OF CITY PROPERTY.—Cont'd.

Location of Work.	Contractors.	Amount.	Class of Work.
Lyon—Union to Filbert	Flinn & Treacy	2,455.52	Curbs; grading; paving.
Ulloa and 30th—Ulloa and 37th			
Ulloa and 31st—Taraval and 37th	E. J. Gallagher	71.36	Sewer and manholes.
37th, between Ulloa and Vincente	E. J. Gallagher	289.04	Sewer and manholes.
San Bruno, between Silver and Silliman	City St. Improvement Co.	240.80	Bitumen pavement, granite curbs.
Henry Street, west of Castro	Flinn & Treacy	80.00	Resetting curbs.
14th and Castro	Flinn & Treacy	310.00	Construction of Crossing.
Fell and Pierce	Frank Sheerin	275.00	Curbs; bitumen pavement.
Broad, between Capital and Plymouth	F. C. Dowling	28.68	Sewer and manholes.
43rd Avenue, between Balboa and Cabrillo	Owen McHugh	450.00	Brok. rock pavem't, redwood curbs.
44th Avenue, between Fulton and Cabrillo	Owen McHugh	37.50	Construction of Sewers.
Ord St., 17th to Corbett Avenue	Westdahl-Hennessy Co.	231.76	Concrete sidewalks; granite curbs.

COST OF OPERATING MUNICIPAL ASPHALT PLANT.

TABULATIONS AS PER MONTHLY REPORTS.

JULY 1, 1911 TO JUNE 30, 1912, INCLUSIVE.

MONTH.	Binder Cu. Ft.	Surface Cu. Ft.	Cost of Material in Binder	Cost of Material in Surface	Total Cost of Material	Cost of Labor at Plant	Expense at Plant
1911—July	7,560	26,304	$ 1,058.40	$ 5,786.88	$ 6,845.28	$ 2,331.85	$ 1,679.40
August	4,872	29,904	682.08	6,619.44	7,301.52	2,919.50	812.73
September	4,928	29,184	132.16	3,866.72	3,998.88	1,362.38	751.29
October	6,720	29,232	689.92	6,420.48	7,110.40	2,757.80	735.62
November	3,024	27,120	940.80	6,699.36	7,640.16	2,922.50	927.05
December	1,288	16,368	423.36	5,966.40	6,389.76	1,931.87	740.52

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1912—January	1,344	10,800	180.32	3,600.96	3,781.28	1,873.62	518.16
February	3,192	25,694.4	188.16	2,394.72	2,582.88	2,236.00	559.09
March	3,304	24,472	446.88	5,652.77	6,099.65	2,017.50	894.04
April	4,712	27,656	462.56	5,383.84	5,846.40	2,391.37	788.87
May	952	24,112	659.68	6,084.32	6,744.00	2,413.00	774.75
June	944	17,576	133.28	5,304.64	5,437.92	2,054.50	818.06
Totals	42,840	288,422.4	$ 5,997.60	$63,780.53	$69,778.13	$27,211.89	$ 9,999.58

COST OF OPERATING MUNICIPAL ASPHALT PLANT—Continued.

	Total Cost of Material, Repairs and Labor at Plant	Cost of Labor and Teaming on Street	Total Cost of Laying pavement	Square feet of pavement laid	Cost per sq. ft. for material delivered from plant	Cost per sq. ft. for labor and teaming on street	Total Cost per sq. ft.
1911—July	$ 10,856.53	$ 7,357.55	$ 18,214.00	164,485	$.0660	$.0447	$ .1107
August	11,033.75	8,433.40	19,467.15	177,695	.0620	.0474	.1094
September	10,603.82	7,655.80	18,259.62	175,117	.0605	.0437	.1042
October	11,489.71	8,103.95	19,593.66	165,149	.0695	.0490	.1185
November	9,062.15	7,832.99	16,895.14	163,071	.0555	.0480	.1035
December	6,173.06	3,968.52	10,141.58	95,475	.0646	.0415	.1061
1912—January	5,377.97	3,274.87	8,652.84	65,994.75	.0815	.0496	.1315
February	9,011.19	7,412.75	16,423.94	157,848.2	.0570	.0469	.1039
March	9,026.64	6,108.25	15,134.89	151,396	.0596	.0403	.0999
April	9,931.75	7,630.69	17,562.44	171,614	.0578	.0444	.1022
May	8,310.48	6,782.87	15,093.35	151,530	.0548	.0447	.0995
June	6,112.55	5,032.25	11,144.82	108,322	.0564	.0464	.1028
	$106,989.60	$79,593.89	$186,583.49	1,747,691.95	$.0612	$.0455	$ .1067

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REPAIRS TO AND PAVING OF ASPHALT AND BITUMINOUS STREETS—

RECAPITULATION OF WORK DONE BY THE MUNICIPAL ASPHALT PLANT JULY 1, 1911, TO JUNE, 1912.

Work at Plant	Cubic feet of Mixture	Cost of Material Incorporated
Wearing surface	288422.4	$ 63,780.53
Binder	42840	5,997.60
Labor at Plant as per monthly statement		27,211.89
Labor at Plant (closed down) repair work		571.75
Repairs, fuel, power, etc., per monthly statement		9,999.58
Repairs and equipment not included in statement		3,845.34
Total cost of material at Plant		$111,406.69
Total number of square feet laid		1,747,691.95
Cost per square foot for material		.0637

WORK ON STREETS.

	Cost of Labor and teams	Square feet laid
Miscellaneous repairing and repaving including all locations	$79,593.89	1,747,691.95
Cost per square foot for labor	.0455	

SUMMARY.

Cost per square foot for material delivered from Plant	$ .0637
Cost per sq. ft. for labor and teaming in streets	.0455
Total average cost per square foot	$ .1092

The initial cost of the Asphalt Plant (built in 1909) was, with equipment, approximately $17,000. All new equipment subsequently purchased and all repairs and incidental expenses have been charged to and have become a part of the average cost scheduled monthly in the reports as submitted.

Were we to estimate the average cost per square foot yearly for depreciation and interest the rate of increases would be but nominal. Allowing 10% for depreciation and 6% per annum for interest, we would obtain a total of $2,720.00 which would necessarily be prorated to the square foot. This is too minute to be considered. The overhead office expenditure is no greater than when this class of work was done under contract.

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REPAIRS TO—CONSTRUCTION AND RECONSTRUCTION OF BUILDINGS.

Purpose Intended	Appropriation	Expended.	Surplus.	Overdraft	Remarks.
General Repairs to Buildings	$ 32,000.00	$ 31,802.01	$ 197.99		
Miscellaneous Repairs to Buildings	1,500.00	1,496.83	3.17		
Fire Department—Repairs	24,750.00	24,743.41	6.59		
Department of Electricity Repairs	750.00	526.70	223.30		
Emergency Hospital Repairs	1,350.00	1,349.78	.22		
Department Election Repairs	1,125.00	907.91	217.09		
Repairs Engines 10 and 16	3,000.00	1,787.76	1,212.24		Balance carried forw'd 1912-13
Repairs Hall of Records	1,150.00	1,116.94	33.06		
Repairs Isolation Hospital	2,200.00	2,199.60	.40		
Repairs Jails	7,850.00	7,788.82	61.18		
Repairs Juvenile Detention Home	1,125.00	1,105.94	19.06		
Janitorial Supplies, etc.	3,750.00	3,726.66	23.34		
Police Department Repairs	7,500.00	7,493.59	6.41		
Relief Home Repairs	3,825.00	3,405.89	419.11		
Relief Home Last Chance Building	3,150.00	3,560.05		410.05	
Relief Home Water Works Supply	16,000.00	10,291.15	5,708.85		Carried forward to 1912-1918.
School Buildings—Repairs	91,477.50	91,685.77		208.27	
Marshall Square Rev. Stand	200.00	190.50	9.50		
County Clerk's Office, Counters, etc	2,000.00	1,919.95	80.05		
County Clerk's Office—Painting	350.00	87.32	262.68		
Assessor's Office—Fitting Up	2,275.00	552.91	1,722.09		Transferred to moving account.
Assessor's Office—Painting	250.00	18.69	231.31		Transferred to moving account.
Tax Collector's Office—Desks, Counters	1,750.00	1,744.47	5.53		Transferred to moving account.
Tax Collector's Office—Fitting Up	1,000.00	495.00	505.00		Transferred to moving account.
Hall of Justice—City Hall—Moving and Equipping	52,500.00	31,738.78	20,761.22		Bal. exp. by Bd. of Supervisors.
Salaries Engineers, Janitors, etc	6,052.05	6,049.25	2.80		Hall of Justice.
Salaries, Engineers, Janitors	3,850.00	3,645.85	204.15		Temporary City Hall.
Removal of Shack Buildings	500.00		500.00		Carried forward 1912-1913.
Mission Bells—Cleaning	120.00	92.50	27.50		
	$278,349.55	$241,524.03	$ 32,443.84	$ 618.32	

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NEW BUILDING CONSTRUCTION AND MATTERS PERTAINING THERETO.

Engine No. 46—Richmond District	$ 37,000.00	$ 109.48	$ 36,890.52		12th Ave., near Geary. Carried forward to 1912-13.
Engine No. 40—1757 Waller St.	8,000.00	8,162.63		162.63	Completed addition.
Engine No. 43—Brazil and Athens	16,275.00	16,298.97		23.97	C'r'd over from '10-11. Compl'd
Engine No. 42—San Bruno Ave.	16,225.00	16,223.88	1.12		C'r'd over from '10-11. Compl'd
Engine No. 6—Truck No. 14—7th St.	42,500.00	40,665.35	1,834.65		Completed.
Engine No. 28—Stockton near Greenwich	32,000.00	1,760.30	30,239.70		Carried forward to 1912-13.
Plans—Fire Houses	6,000.00	3,540.70	2,459.30		Carried forward to 1912-13.
Tubercular Building S. F. Hospital	32,550.00	32,406.03	143.97		Completed.
Infirmary—Dwelling for Physician	2,500.00	2,507.38		7.38	Completed.
Plans Police Stations	5,000.00	2,910.41	2,089.59		Carried forward to 1912-13.
Potrero Police Station	27,635.00	28,053.95		418.95	Completed.
Bay View Police Station	22,350.00	21,918.95	431.05		C'r'd over from '10-11. Compl'd
Richmond Police Station	43,623.00	43,458.47	164.53		C'r'd over from '10-11. Compl'd
Grading Police Lot—20th and Kentucky	6,000.00	6,000.00			C'r'd over from '10-11. Compl'd
Police Station, Greenwich near Scott	35,000.00		35,000.00		Carried forward to 1912-13.
Chapel at Relief Home	15,000.00	493.00	14,507.00		Carried forward to 1912-13.
Special Com. on Specifications	2,970.00	2,970.00			Bureau of Architecture.
Engineers on Steel Construction	1,000.00	957.50	42.50		Bureau of Building Inspection.
Hall of Justice—Completion	4,000.00	3,754.76	245.24		Carried forward to 1912-13.
Hall of Justice—Photo Gallery	2,500.00	2,380.20	119.80		Carried forward to 1912-13.
City and County Jail—Hardware	2,250.00	1,747.00	503.00		Carried forward to 1912-13.
Advisory Committee—Architects Investigation of Site, etc.	9,000.00	13,229.49		4,229.49	City Hall Civic Center.
Expense Umpire Architect	1,500.00	1,363.55	136.45		City Hall Civic Center.
Plans—Patrick Henry School	5,000.00		5,000.00		Account not drawn against—Charged to Bond Issue.
	$375,878.00	$250,912.00	$129,808.42	$4,842.42	

Surplus and Unexpended	$156,791.52
Less amounts carried forward to 1912-1913	129,475.24
Net Surplus	$ 27,316.28

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SPECIAL CONTRACTS—BUILDING REPAIRS AND CONTRACTS.

Location.	Class of Work.	Contractor.	Amount.
Truck 14 Engine 6	Closets and Basins	Kiernan & O'Brien	$ 160.00
Truck 14 Engine 6	Electric Fixtures	Adams & Hollopeter	465.00
Truck 14 Engine 6	Platform	Lange & Bergstrom	85.00
Truck 14 Engine 6	Electric Work	National Elec. Co.	43.12
Truck 14 Engine 6	Hardware	Palace Hardware Co.	228.25
Truck 14 Engine 6	Set Hydrant	Spring Valley Water Co.	40.00
Engine 20	Electric Fixtures	Bauer Fixture Co.	16.50
Engine 20	Lathing and Plastering	J. E. Connell	35.00
Engine 33	Side Sewer	James T. Donahue	93.00
Engine 30	Screen and guards	Keystone O. I. & B. Works	21.50
Engine 30	Electric Fixtures	Coefield Co.	67.25
Engine 35 Truck 8	Electric Fixtures	Brouillet Electric Co.	382.50
Engine 42	Miscellaneous extras	Hawkins Building Co.	960.50
Engine 42	Electric Fixtures	Adams & Holopeter	240.00
Engine 42	Sewer Pipe	John G. Sutton Co.	58.00
Engine 43	Excavation and Concrete	O. C. Holt	893.40
Engine 43	Altering Partition	O. C. Holt	136.30
Engine 43	Shoring and forms	O. C. Holt	172.60
Engine 43	Yard drain	J. E. O'Mara	15.00
Engine 43	Electric Fixtures	Adams & Holopeter	240.00
Chemical Engine 4	Side Sewer	James T. Donahue	50.00
S. F. F. D. Stables	Service Connection	Spring Valley Water Co.	30.00
Richmond Police Station	Excavation and Concrete	Robert Trost	442.75
Richmond Police Station	Concrete and Grading	Robert Trost	2,600.00
Richmond Police Station	Fences and Painting	Robert Trost	661.00
Richmond Police Station	Cement Work	Robert Trost	486.00
Richmond Police Station	Paving	Robert Trost	476.00
Richmond Police Station	Electric Fixtures	Shermund & Krauss	309.25
Potrero Police Station	Extra work—Labor	Symon Brothers	85.00
Potrero Police Station	Electrical Work	National Elec. Co.	70.80

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SPECIAL CONTRACTS—BUILDING REPAIRS AND CONTRACTS.—Cont'd.

Location.	Class of Work.	Contractor.	Amount.
Potrero Police Station	Changes—Feed boxes	Robert Trost	82.50
Potrero Police Station	Sliding Hatches	Robert Trost	108.38
Potrero Police Station	Additional Lockers	Robert Trost	78.20
Potrero Police Station	Lighting Fixtures	Shermund & Krauss	311.50
Bay View Police Station	Electrical Work	National Electric Co.	30.40
Bay View Police Station	Electrical Fixtures	Shermund & Krauss	266.25
Bay View Police Station	Marble base and jambs	Walter Hough Co.	270.00
Bay View Police Station	Additional Excavation and Concrete	Walter Hough Co.	574.80
Oceanside School	Retaining Wall	McCabe & Brown	460.00
Oceanside School	Sidewalk	McCabe & Brown	340.00
Sutro School	Sidewalk	McCabe & Brown	407.50
Laguna Honda School	Sidewalk	McCabe & Brown	180.00
Garfield School	Sidewalks	Camp & Carillon	197.00
Monroe School	Sidewalks	Spring Valley Water Co.	11.90
Sheridan School	Electric Fixtures	Coefield Co.	24.90
McCoppin School	Electric Fixtures	Coefield Co.	52.25
Longfellow School	Electric Fixtures	Ickelheimer Brothers	67.00
Bay View School	Yard Work	Flinn & Treacy	200.00
Bay View School	Side Sewer	James T. Donahue	39.00
Farragut School	Side Sewer	James T. Donahue	71.75
Lafayette School	Lowering and raising Buildings	H. L. Hatch	520.00
Jefferson School	Raising and moving Buildings	D. J. & T. Sullivan	425.00
Miscellaneous Schools	Moving Shacks	D. J. & T. Sullivan	465.00
Miscellaneous Schools	Patent Chimney	L. E. Clawson Co.	42.50
Miscellaneous Schools	Electric Fixtures	National Elec. Co.	296.50
Miscellaneous Schools	Roofing	Lawson Roofing Co.	330.00
Miscellaneous Schools	Wire Guards	Keystone O. I. & B. Works	241.00
Miscellaneous Schools	Electric Wiring	Hetty Brothers	125.00
Miscellaneous Schools	Electric Wiring	Coefield Co.	128.00
Miscellaneous Schools	Electric Fixtures	Bauer Fixture Co.	107.00

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Manual Training Building	Sewer	C. E. Eaton	39.65
Tubercular Building	Service Connection	Spring Valley Water Co.	50.00
Tubercular Building	Roofing	Mission Asphalt Roofing Co.	1,723.50
Tubercular Building	Glazing	Mission Plate and W. Glass Co.	499.00
Tubercular Building	Patent Chimney	L. N. Clawson & Co.	90.00
Tubercular Building	Water Service	Spring Valley Water Co.	90.00
Tubercular Building	Sewer	C. E. Eaton	146.00
Last Chance Building	Roofing	Mission Asphalt Roofing Co.	252.00
Dwelling at Infirmary	Patent Chimney	L. E. Clawson & Co.	75.00
Dwelling at Infirmary	Lathing and Plastering	J. E. Connell	175.00
Relief Home Water Works	Electric Wiring	Herzog & Dahl	305.00
Relief Home Water Works	Pump	Henry R. Worthington	2,285.40
Relief Home Water Works	Air Chamber Fittings	Compressed Air Machinery Co.	125.00
Juvenile Detention Home	Patent Chimney	L. E. Clawson Co.	18.75
Department of Electricity Building	Patent Chimney	L. E. Clawson Co.	45.00

FITTING UP CITY HALL AND HALL OF JUSTICE.

Treasurer's Office	Grille Partitions	Keystone O. I. & B. Works	$ 130.00
Assessor's Office	Grille Partitions	Keystone O. I. & B. Works	127.50
Tax Collector's Office	Grille Partitions	Keystone O. I. & B. Works	495.00
Assessor's Office	Electric Fixtures	Central Electrical Co.	353.50
Hall of Justice	4 Prison Dock Grills	Monarch Iron Works	497.00
Police Departments	Mill Work	Empire Mill	495.00
Police Departments	Steel Sidewalk and Door Chute	Moore & Scott Iron Works	275.00
Temp'y City Hall—Superior Courts	Railings	Wm. Bateman	1,300.00
Hall of Justice—Police Courts	Railings	Wm. Bateman	900.00

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BOND ISSUE—

SUMMARY OF EXPENDITURE, COMPLETED AND

STREETS AND

Location of Work.	Contractor.	Contract For.
*San Bruno Ave., Oakdale, etc.	Mitchell & Savage	Sewers
*Sunnyside Sec. B	F. Rolandi	Sewers
*Glen Park Outlet	Buena Vista Imp. Co	Sewers
*Mission and Mt. Vernon	C. J. Harney	Sewers
*O'Farrell, Powell to Jones	City St. Imp. Co	Asphalt pavement
*O'Farrell, Powell to Jones	Fay Imp. Co.	Asphalt pavement
Mission, Embarcadero to 2nd	Flinn & Treacy Co	Paving Spear to Beale
*Mission, Embarcadero to 2nd	G. W. McGinn & Co	Paving Beale to 2nd
Misc. Front City Property	56 Miscellaneous	Street Work
Misc. Front City Property	94 Miscellaneous	Sewer Work
Coso Ave.	Departmental Work	Sewers
23rd Ave., bet. Geary & Anza	Karl Ehrhart	Sewers
Brannan, 1st to Embarcadero & Beale, Bryant to Brannan	J. F. O'Brien	Sewers
Dolores, Dorland to 20th	City St. Imp. Co.	Pavement
Pierce, Bay to Lewis	No Award	Sewers
Purchase Cast Iron Pipe	No Award	Com'l St., Sewer Pump Stn.
Woolsey, Holyoke to Dartm'th	No Award	Sewers
Cabrillo, 12th to 13th Aves. & 13th Ave., C to Geary	Karl Ehrhart	Sewers
Howard St., 2nd Westerly	Fay Imp. Co.	Paving
Harlan Pl., Grant Ave., Wstly.	Departmental Work	Sewers
San Jose Ave., Regent & Liebig	Karl Ehrhart	Sewers
Stanyan, Frederick to Oak, and Oak, Stanyan to Cole	State Const. Co.	Sewers
Ocean Ave., Lee to Phelan	No Award	Sewers
Steuart, Folsom to Howard	No Award	Sewers
Beach, Webster and Tonquin	No Award	Sewers

BUILDINGS.

*Sutro Grammar School	McCabe & Brown	Yard Work
*Clement Grammar School	Henning & Burke	Yard Work
Denman Grammar School	Henning & Burke	Yard Work
Everett School Annex	Lange & Bergstrom	Construction
*Hall of Justice	Departmental Work	Completion

† Total expended is inclusive of all accounts (carried forward) to date.
* Carried forward from previous fiscal year.

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SERIES 1904.

PROGRESSIVE WORK, CONTRACTS AWARDED.

SEWERS.

Estimated Amount.	Expended.	† Total Expended to June 30th.	Remarks.
$ 20,418.80	$ 21,343.21	$ 22,935.06	Completed.
59,403.00	56,550.09	58,325.09	Completed.
24,399.50	26,248.67	30,303.62	Completed.
61,206.32	59,307.85	61,404.10	Completed.
12,059.72			Released from contract.
12,421.36	7,249.72	8,011.12	2nd partial payment.
9,579.47	10,332.68		Completed.
23,602.90	22,714.96	45,274.29	Completed.
35,000.00		18,540.03	Completed.
40,000.00		27,985.36	Completed.
7,000.00	6,611.38	6,611.38	Completed.
8,179.50	6,915.16	7,402.66	Completed.
32,671.25	21,004.32	21,672.62	4th progressive payment.
9,976.40	9,520.24	9,640.24	Completed.
			$60,000 authorized.
			$ 8,500 authorized.
			$ 8,000.00 authorized.
12,681.30	1,900.28	2,127.78	1st progressive payment.
15,502.91	9,511.78	9,769.28	1st progressive payment.
1,000.00	900.95	900.95	Completed.
2,877.90		72.50	
32,360.20			
			$ 4,000.00 authorized.
			$11,000 authorized.
			$41,200.00 authorized
$420,340.53	$260,111.29	$330,976.08	
6,590.00	6,590.00	7,005.00	Completed.
24,840.00	25,508.00	25,607.95	Completed.
30,888.00	30,888.00	32,514.99	Completed.
6,989.00	6,989.00	7,942.26	Completed.
	2,910.71	99,433.55	Completed.
$ 69,307.00	$ 72,885.71	$172,503.75	

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BOND ISSUE, SERIES 1908—

Location of Work.	Contractor.
*Division St. Section "B"	Healy-Tibbitts Co.
*Division St. Section "A"	Contra Costa Con. Co.
*Division St. Section "C"	Healy-Tibbitts Co.
North Pt. Main Sec. "H" and "J"	C. J. Harney
*North Pt. Main Sec. "C" 1	R. C. Storrie & Co.
*North Pt. Main Sec. "C" A	Healy-Tibbitts Co.
*North Pt. Main Sec. "C" 2	Keystone Construction Co.
*North Pt. Main Sec. "C" 2	Daniel Contracting Co.
*North Pt. Main Sec. "F"	Metropolis Const. Co.
*North Pt. Main Sec. "B"	Keystone Const. Co.
*North Pt. Main Sec. "L"	Healy-Tibbitts Co.
North Pt. Main Sec. "G"	John Daniel
North Pt. Main Sec. "M"	Healy-Tibbitts Co.
*Beale St., Folsom to Bryant	John W. Flinn
*Mission St., Silver Avenue to Bosworth	Keystone Const. Co.
Lower Sunset District	Metropolis Const. Co.
*Yerba Buena "D"	Healy-Tibbitts Co.
*7th St., Howard to Hubbell	Metropolis Const. Co.
*Ingleside Outlet Sec. "A"	F. Rolandi
Plans—Sewer System	Direction City Engineer
Lincoln Way and 48th Ave.	R. C. Storrie Co.
North Pt. Main "D1"	Contra Costa Const. Co.
North Pt. Main "D2"	Healy-Tibbitts Co.
North Pt. Main "D3"	F. Rolandi
North Pt. Main "E"	F. Rolandi
Ingleside Outlet Sewer	U. S. Cast Iron Pipe Co.
Ingleside Outlet Sewer "B"	Coast Improvement
Ingleside Outlet Sewer "C"	Contra Costa Const. Co.
Pump for Pumping Station	Departmental
Golden Gate Park and 48th Ave.	Contra Costa Const. Co.

* Inclusive of all inspection and incidental expenses.
† Carried forward from previous fiscal year.

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SEWER CONSTRUCTION ACCOUNT.

Estd. Amount of Contract	Payments to Contractors	†Total Cost to June 30th.	Remarks
$ 144,217.55	$ 149,491.83	$ 153,422.43	Completed.
165,140.00	164,691.26	168,676.26	Completed.
62,244.00	61,316.28	63,796.23	Completed.
116,919.36	121,617.37	128,851.61	Completed.
98,255.00	93,863.71	96,318.51	Completed.
157,376.00	153,181.48	157,490.13	Completed.
80,540.25			Assigned to Jas. F. Van Loben Sels —Contratcor failed and contract annulled.
81,303.45		2,174.80	
00,033.72	93,144.83	95,460.98	Assigned to Federal Con. Co.,—Completed.
64,818.80	58,990.98	63,977.13	11th payment authorized.
51,179.00	51,651.25	52,796.25	Completed.
93,700.50	51,115.92	54,921.32	9th payment authorized.
72,701.00		482.50	
4,896.80	5,229.07	5,529.07	Completed.
39,243.50	25,079.41	27,254.76	13th payment authorized.
166,999.02	166,199.08	171,463.73	Completed.
211,898.00	223,377.69	230,158.49	Completed.
159,212.25	143,940.01	148,299.06	Completed.
26,841.50	26,924.44	28,139.14	Completed.
		21,872.20	Balance carried forward.
132,543.00	132,511.85	134,376.90	Completed.
96,262.00	96,262.00	98,262.00	8th progressive payment.
92,254.00	86,869.33	88,725.13	9th progressive payment.
90,087.50	87,616.98	89,587.98	8th progressive payment.
130,651.00	84,639.77	88,065.97	7th progressive payment.
21,000.00		20,499.17	In full purchase price of pipe and freight charges.
23,596.00	20,749.75	22,085.95	Completed.
60,548.00	24,605.92	25,815.52	3rd progressive payment.
750.00		617.43	Commercial and Drumm.
140,853.00		460.00	
$2,686.064.20	$2,123,070.16	$2,239,580.65	

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BOND ISSUE—

FIRE PROTECTION

Location of Work.	Contractor.
*Construction Two Fire Boats	Risdon Iron & Locomotive Works
*Multi-Stage Turbine Pumps	Byron Jackson Iron Works
*Purchase Cast Iron Pipe, Valves, Etc.	
Cast Iron Pipe	U. S. Cast Iron Pipe Company
Cast Iron Pipe	U. S. Cast Iron Pipe Company
Fire Hydrants	Union Iron Works
Cast Steel Specials	Chas. C. Moore & Co.
Gate Valves	Pittsburg Valve Co.
Gate Valves	Pelton Water Wheel Co.
Cast Steel Specials	Enterprise Foundry Co.
Gate Valves	Union Machine Co.
Freight Charges	So. Pacific and Santa Fe
Plans—Inspections—Incidentals	Direction City Engineer
*Freight Claims—Transportation	S. P., W. P., and Santa Fe
Uuloading—Storing—Testing Pipe	Direction City Engineer
*Pumping Station No. 1	
Concrete Constructions	Healy-Tibbitts Co.
Iron and Steel Work	Dyer Bros. Iron Works
Rolling Doors and Shutters	Lilley & Thurston Co.
Tile Work	Mangrum & Otter
Sheet Cap Roofing	S. F. Cornice Co.
Mechanical Equipment	C. C. Moore & Co.
Plumbing an d Gas Fitting	R. Dalziel, Jr., Co.
Asphalt and Gravel Roof	Ford & Mallott
Plans, Incidentals, etc.	Direction City Engineer
Pumping Station No. 2	
General Construction	Caldwell & Co.
Mechanical Equipment	C. C. Moore & Co.
Structural Steel and Iron Works	Judson Mfg. Co.
*Twin Peaks Reservoir	Healy-Tibbitts Co.
*Purchase Manhole Frames and Covers	Ajax Brass & Iron Works
*Purchase Manhole Frames and Covers	Ajax Brass & Iron Works
*Purchase Manhole Frames and Covers	Vulcan Iron Works
*Purchase Manhole Frames and Covers	Direction City Engineer
*Manhole, Frames, Covers, Etc.	

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SERIES 1908.

ACCOUNT.

Estd. Amount of Contract	Payments to Contractors	†Total Cost to June 30th.	Remarks.
$ 262,200.00	$ 279,194.85	$ 287,139.22	Completed.
120,000.00	121,220.00	125,825.88	8th progressive payment.
		1,908,512.34	Total expended in account.
920,988.56	885,746.49		Completed.
79,000.00	12,497.12		6th progressive payment.
143,688.00	137,569.58		Completed.
332,976.00	260,882.55		13th progressive payment.
135,378.00	125,014.20		Completed.
90,500.70	82,426.90		Completed.
100,000.00	88,215.97		22nd progressive payment.
112,072.50	100,797.00		Completed.
	228,645.15		Expended to date.
	2,899.44		Expended during fiscal year.
450,000.00		248,907.61	Continuous contracts.
		17,058.92	Expended during fiscal year.
		892,581.19	Total expended in account.
138,300.00	136,525.09		11th progressive payment.
60,000.00	57,368.65		Completed.
4,630.00	4,630.00		Completed.
6,284.00	6,106.18		Completed.
3,295.00	3,295.00		Completed.
190,000.00	166,375.00		8th progressive payment,
2,997.00	2,997.00		Completed.
555.00	555.00		Completed.
	5,238.67		Expended during fiscal year.
		12,645.00	Total expended in account.
110,000.00	12,645.00		2nd progressive payment.
140,000.00			Contract in effect.
9,145.00			Contract in effect.
158,143.00	115,624.35	127,305.00	14th progressive payment.
10,206.00	12,288.38		Completed.
3,510.00	3,139.70		Completed.
3,270.40	3,178.19		Completed.
	500.00		Expended during fiscal year.
		20,371.42	Total expended in account.

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BOND ISSUE—

FIRE PROTECTION

Location of Work.	Contractor.
*Creosoted Wooden Ducts	Western Electric Co.
*Creosoted Wooden Ducts	Western Electric Co.
*Bolts, Nuts, Tie Rods, Lead, etc.	Union Iron Works
*Bolts, Nuts, Tie Rods, Lead, etc.	Selby Smelting Co.
*Bolts, Nuts, Tie Rods, Lead, etc.	Selby Smelting Co.
*Bolts, Nuts, Tie Rods, Lead, etc.	Selby Smelting Co.
*Bolts, Nuts, Tie Rods, Lead, etc.	Selby Smelting Co.
*Hauling and Laying Pipe Sec. I	Keystone Const. Co.
Hauling and Laying Pipe Sec. I	R. C. Storrie Co.
*Hauling and Laying Pipe Sec. II	Raisch Improvement Co.
*Hauling and Laying Pipe Sec. III	Oscar Levy
Hauling and Laying Pipe Sec. III	Coast Improvement Co.
*Hauling and Laying Pipe Sec. IV	Foster & Vogt
Hauling and Laying Pipe Sec. IV	Michael Murphy
*Hauling and Laying Pipe Sec. V	Michael Murphy
Hauling and Laying Pipe Sec. "VI"	Direction City Engineer
Hauling and Laying Pipe Sec. "VIB"	Direction City Engineer
*Gate and Check Valves Pumping Station	Union Machine Co.
Intake Tunnel Pumping Station "A"	Healy-Tibbitts Co.
*Intake Tunnel Pumping, Station "B"	Healy-Tibbitts Co.
*Intake Tunnel Pumping, Station "A" & "B"	Direction City Engineer
*Second St., Market to Townsend, Pipe Laying	Direction City Engineer
Brannan Street—Pipe Laying	Direction City Engineer
Ashbury Heights Reservoir	
Steel Tank—Furnishing and Erecting	Fdk. C. Roberts Co.
Valves, Pipes, Fittings	Comp. Air Mchy Co.
Valves, Pipes, Fittings	Comp. Air Mchy Co.
Excavation—Foundation, etc.	Mitchell & Savage
Motor Driven Turbines	Byron Jackson Co.
Twin Peaks Division Wall	Healy-Tibbitts Co.
Ashbury Heights Pump House	T. W. McClenahan & Co.
Plans Auxiliary Water Supply	Direction City Engineer

NOTE.—Accounts prefixed thus (†) are for contracts which were under way during the previous fiscal year. The contracts as listed are those in which work was not completed prior to June 30, 1911. The full amount of expenditure to date is set forth.

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SERIES 1908.

ACCOUNT.—Cont'd.

Estd. Amount of Contract	Payments to Contractors	†Total Cost to June 30th.	Remarks.
			Plans—inspections, etc.
12,037.37	10,496.14		Completed.
7,204.00		11,541.81	Total expended in account.
12,720.00	11,973.34		Completed—Bolts, etc.
16,956.00	16,960.43		Completed—Pig Lead.
12,630.00	12,636.23		Completed—Pig Lead.
17,640.00	17,645.20		Completed—Pig Lead.
19,840.00		93,979.19	Total to date in account.
130,260.41	15,417.61		Contractor failed, new con. en. into.
175,000.00	59,541.96	117,031.54	3rd progressive payment.
44,705.40	45,536.43	50,595.82	Final payment made.
82,743.55	11,928.86		Contractor failed, new con. en. into.
113,306.34	77,101.19	102,685.32	7th progressive payment.
102,809.29	9,985.73		Con. failed and contract terminated.
143,315.25	46,632.33	65,252.27	7th progressive payment.
107,902.53	105,908.93	111,000.00	8th progressive payment.
95,000.00	1,446.35	1,446.35	Plans—Incidentals, etc.
3,385.78			Tributary connections.
11,598.00	10,343.70	10,618.70	Completed.
34,762.00	35,481.12		Completed.
38,134.35	33,960.56		Completed.
	1,783.25	71,224.93	Completed.
17,000.00		16,523.23	Completed, day labor.
20,000.00		19,991.20	Completed, day labor.
		25,660.80	Total expended in account.
12,350.00	12,178.79		Completed.
2,449.00	2,449.00		Completed.
7,790.00	7,684.00		Completed.
7,700.00	2,465.25		1st progressive payment.
4,500.00			Contract awarded.
19,500.00	19,500.00	19,500.00	Completed.
3,430.00			Contract awarded.
		34,936.55	Expenditures fiscal year.
$4,863,803.43	$3,369,621.31	$3,892,334.29	

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NOTE:—Under the caption of "Total Expenditures" the figures shown are inclusive of Office expenses, inspection, incidentals and extras, since the inception of the work, in their aggregate to June 30, 1912.

NOTE:—The Schools prefixed thus (*) were in course of construction during the preceding fiscal year. The contracts as listed in this report are those in which the work was not completed prior to June 30, 1911. The full amount of each contract is set forth.

School.	Contractor.	Contract For.
*Madison Primary	Brown & Smartt	General Construction
*McKinley Primary	F. H Born	General Construction
	J. P. Doherty	Plumbing
*Jean Parker	J. G. Sutton & Co.	Heating and Ventilating
	Ralston Iron Works	Steel Work
	Kiernan & O'Brien	Plumbing
	Nunemacher Elec. Wks.	Electric Wiring
	Knowles & Kaiser	Plastering
	Am. Air Clg. Co.	Vacuum Cleaning
	Finlayson-Stettin Co.	General Construction
	Bennett Brothers	Hardware
*Lakeview (Farragut)	Flinn & Treacy	Yard Work
*Sheridan Primary	Henning & Burke	General Construction
*Denman Grammar	W. S. Snook & Son	Plumbing, etc.
	Vacuum Cleaning Co.	Vacuum Cleaning
*Spring Valley	Caldwell & Co.	General Construction
	Michael Kiernan	Plastering
	W. S. Snook & Son	Plumbing
	F. P. Walsh	Heating and Ventilating
	W. S. Hanbridge	Electrical Work
	Am. Air Clng. Co.	Vacuum Cleaning
	Joost Brothers	Hardware
*Adams Cosmopolitan	Bennett Brothers	Hardware
	Butte Eng. & El. Co.	Electrical Work
	Wittman Lyman Co.	Heating and Ventilating
	J. P. Doherty	Plumbing
	Mech. Dust Suc. Co.	Vacuum System
*Cleveland Primary	S. F. Com. Air Clg. Co.	Vacuum System
	Bennett Bros.	Hardware
*Franklin Grammar	G. D. Patterson & Co.	General Construction
	Mech. Dust Suc. Co.	Vacuum System
	W. S. Snook & Co.	Plumbing
	A. Knowles	Plastering
*Franklin Grammar	Atlas Heat. & Ven. Co.	Heating and Ventilating
	Central Elec. Co.	Electrical Work
	Bennett Bros.	Hardware
*Grattan Primary	F. H. Born	General Construction
	Standard Elec. Con. Co.	Electrical Work
	Pac. Fire Exting. Co.	Heating and Ventilating
	*V. J. Belknap	Plumbing
	*Bennett Brothers	Hardware

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SERIES 1908.

CTION ACCOUNT.

Amount of Contract.	Payments on Contract.	Total Expended to June 30, 1912.	Remarks.
$ 49,850.00	$ 49,850.00	$ 87,024.39	Completed.
64,981.00	64,981.00		Completed.
5,600.00	5,600.00	107,396.73	Completed.
12,972.00	12,667.00		Completed.
22,600.00	22,600.00		Completed.
6,295.00	6,279.00		Completed.
1,780.00	1,755.00		Completed.
8,920.00	8,805.00		Completed.
900.00	900.00		Completed.
97,989.00	92,565.00		Completed.
779.00	779.00	169,099.22	Completed.
4,140.00	2,892.75	97,801.95	1st payment.
58,444.00	56,444.00	101,064.29	5th payment.
5,496.00	5,407.00		Completed.
698.00	698.00	152,231.03	Completed.
64,391.00	64,266.00		Completed.
6,400.00	6,400.00		Completed.
3,730.00	3,641.00		Completed.
9,793.00	9,793.00		Completed.
1,440.00	1,440.00		Completed.
849.00	849.00		Completed.
870.00	870.00	111,642.29	Completed.
779.00	779.00		Completed.
1,222.00	1,222.00		Completed.
7,380.00	7,380.00		Completed.
3,375.00	3,350.00		Completed.
973.75	973.75	88,072.87	Completed.
940.00	940.00		Completed.
769.00	769.00	61,486.92	Completed.
34,500.00	34,225.00		Completed.
957.00	957.00		Completed.
3,366.00	3,271.00		Completed.
12,582.00	11,902.00		Completed.
9,630.00	9,630.00		Completed.
1,525.00	1,525.00		Completed.
939.00	939.00	72,498.22	Completed.
39,200.00	39,050.00		Completed.
1,992.00	1,792.00		Completed.
7,324.00	7,324.00		Completed.
4,091.00	1,200.00		Only payment; contractor failed.
1,028.00	1,028.00		Completed.

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BOND ISSUE—

SCHOOL CONSTRUCTION

School.	Contractor.	Contract For.
	*Palm Vacuum Clg. Co.	Vacuum System
	*A. Knowles	Plastering
	J. G. Sutton Co.	Plumbing completion
*Peabody Primary	McSheehy Brothers	General Construction
	Central Elec Co.	Electrical Work
	Mech. Dust Suc. Co.	Vacuum System
	W. S. Snook & Co.	Plumbing
	J. G. Sutton Co.	Heating and Ventilating
	Bennett Brothers	Hardware
*Visitacion Valley	McLeran & Peterson	General Construction
	John G. Sutton Co.	Plumbing
	John G. Sutton Co.	Electrical Work
	Palm Vacuum Clen. Co.	Vacuum System
	Wittman Lyman Co.	Heating and Ventilating
	M. F. Murray	Temp. Register System
	Bennett Brothers	Hardware
*Burnett Grammar	Lange & Bergstrom	General Construction
	Mech. Dust Suc. Co.	Vacuum System
	Gainford, Lettich Co.	Plumbing
	Bennett Brothers	Hardware
*John Swett Grammar	Brode Iron Works	Structural Steel
	O. C. Holt	General Construction
	Abrahamson & De Gear	Heating and Ventilating
	W. S. Snook & Co.	Plumbing
	Natl. Electric Co.	Electrical Work
	Pac. States Sale Corp.	Vacuum System
*Lincoln Grammar	Robert Trost	General Construction
	Kiernan & O'Brien	Plumbing
	Palm Vacuum Clg. Co.	Vacuum System
	C. E. Thomas Co.	Heating and Ventilating
	Butte Eng. & Elec. Co.	Electrical Work
Girl's High	Division Architecture	Plans, Specifications, etc.
	Ralston Iron Wks.	Structural Steel
	William Bruce	Moving Temp. Buildings
	Henning & Burke	General Construction
	General Eng. Co.	Vacuum System
	Bennett Brothers	Hardware
	J. Looney Co.	Plumbing, etc.
	Standard Elec. Con. Co.	Electrical Work
	Standard Elec. Con. Co.	Telephone and Clock System
	Chas. E. Thomas Co.	Heating and Ventilating
*Polytechnic High	Division Architect	Plans, Specifications, etc.
	*McLeran & Peterson	General Construction, Shop Bldgs.
(Bond issue—Series 1910.)	*W. S. Snook & Co.	Plumbing Shop Buildings
	*Atlas Heat. & Ven. Co.	Blast & Exhaust System, Shop Bldgs.
	*John G. Sutton Co.	Heating and Ventilating, Shop Bldgs.
	*Butte Eng. & El. Co.	Electrical Work, Shop Buildings
	Bennett Bros.	Hardware, Shop Buildings
	J. W. Carr	Excavation; Found'n, Academic Bldgs.

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SERIES 1908.

ACCOUNT.—Cont'd.

Amount of Contract.	Payments on Contract.	Total Expended to June 30, 1912.	Remarks.
995.00	375.00		1st payment.
4,850.00	4,850.00		Completed.
2,769.00	2,680.00	64,478.88	Completed.
51,480.00	51,480.00		Completed.
1,495.00	1,487.50		Completed.
985.00	985.00		Completed.
3,790.00	3,790.00		Completed.
9,500.00	9,500.00		Completed.
887.00	887.00	80,059.47	Completed.
26,700.00	26,575.00		Completed.
3,217.00	3,217.00		Completed.
1,352.00	1,352.00		Completed.
891.00	891.00		Completed.
5,845.00	5,845.00		Completed.
975.00	975.00		Completed.
667.00	667.00	44,637.12	Completed.
30,900.00	30,722.00		Completed.
957.65	957.65		Completed.
2,538.00	2,499.00		Completed.
629.00	629.00	52,593.75	Completed.
15,600.00	15,600.00		Completed.
60,685.00	55,585.00		8th payment.
8,589.00	8,589.00		Completed.
6,058.00	6,030.40		Completed.
2,300.00	2,300.00		Completed.
870.00	870.00	90,596.46	Completed.
43,949.00	43,949.00		Completed.
4,094.00	4,094.00		Completed.
887.00			Work not as yet completed.
8,500.00	8,500.00		Completed.
1,767.00	1,767.00	66,800.09	Completed.
14,000.00	13,947.34	13,947.34	Balance forwarded.
61.840.00	61,840.00		Completed.
4,750.00	4,750.00		Completed.
239,444.00	112,035.00		7th payment.
577.00	577.00		Complete.
4,887.00			
13,769.00	5,606.25		3rd payment.
5,497.00	1,875.00		2nd payment.
2,780.00	1,650.00		1st payment.
29,850.00	7,500.00	210,108.70	2nd payment.
20,000.00	19,856.92	19,856.92	Balance forwarded.
94,961.00	94,761.00		Completed.
7,270.00	7,270.00		Completed.
1,589.00	1,185.00		1st payment.
2,770.00	2,770.00		Completed.
5,292.00	5,292.00		Completed.
1,267.00	1,211.50		Completed.
29,893.00	12,750.00		2nd payment.

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BOND ISSUE—

SCHOOL CONSTRUCTION

School.	Contractor.	Contract For.
	Dyer Bros—G.W.I. Wks	Structural Steel, Academic Bldgs
*Lowell High	*Pac. Rolling Mills Co.	Structural Steel
	*Elmer Carlson	General Construction
	*Chas. E. Thomas Co.	Heating and Ventilating
	*Pac. States Sales Corp.	Vacuum Cleaning
	*Brandon & Lawson	Brick Work
	*V. J. Belknap	Plumbing
	*Wm. Le Baron	Painting
	*Gen. Elec. Con. Co.	Electrical Work
	Bradley & O'Reilly	Exterior Cement Plaster
	Wittman Lyman Co.	Dry Stand Pipes
	C. S. Hoffman	Additional Fire Escapes
	Palace Hdw. Co.	Hardware
	Stand. Elec. Time Co.	Clock and Program System
*Garfield Primary	Hanbrough Brothers	Extra Construction
*Storm Doors—Various Schools	Dir. Supt. Buildings	Kalamine Doors
*Marshall Primary	Chas. Peter Weeks	Architectural Service
Miscellaneous	Division Architecture	Plans, Specifications
Hancock	Building Repairs Dept.	Domestic Science, etc.
Franklin	Building Repairs Dept.	Domestic Science, etc.
Bryant	Building Repairs Dept.	Domestic Science, etc.
Denman	Building Repairs Dept.	Domestic Science, etc.
Adams	Building Repairs Dept.	Domestic Science, etc.
Jean Parker	Building Repairs Dept.	Domestic Science, etc.
McCoppin	Building Repairs Dept.	Domestic Science, etc.
Spring Valley	Building Repairs Dept.	Domestic Science, etc.
Le Conte		Construction
Starr King		Construction
Daniel Webster	Division of Architecture	Inspection during construction
Washington Irving	Division of Architecture	Plans, Inspection, etc.
Visitacion Valley	Division of Architecture	Yard Work
Patrick Henry	Division of Architecture	Plans, etc.

*Inclusive of all inspection and incidental expenses.

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ERIES 1908.

CCOUNT.—Cont'd.

Amount of Contract.	Payments on Contract.	Total Expended to June 30, 1912.	Remarks.
71,475.00	54,312.50	193,558.23	2nd payment.
53,600.00	53,600.00		Completed.
148,500.00	97,650.00		10th payment.
29,850.00	18,600.00		4th payment.
985.00			
28,570.00	27,820.00		4th payment.
13,891.00	6,293.25		2nd payment.
5,395.00	646.50		1st payment.
4,275.00	2,745.45		4th payment.
2,850.00	2,850.00		
1,194.00			
400.00			
2,912.00			
1,850.00	450.00	235,695.75	1st payment.
543.00	543.00	98,493.72	Completed.
4,000.00	3,609.13	3,609.13	Completed.
	2,291.60	2,471.10	Expended 1910-1911.
	7,217.06	89,002.73	
	920.66	920.66	Board of Education Account.
	92.55	92.55	Board of Education Account.
	1,046.88	1,046.88	Board of Education Account.
	538.32	538.32	Board of Education Account.
	9.97	9.97	Board of Education Account.
	96.38	96.38	Board of Education Account.
	1,045.67	1,045.67	Board of Education Account.
	777.61	777.61	Board of Education Account.
52,500.00	33.85	33.85	Appropriation, $52,500 authorized.
52,500.00	163.85	163.85	Appropriation, $52,500 authorized.
1,500.00			Appropriation authorized.
4,000.00			Appropriation authorized.
6,270.00			Appropriation authorized.
1,600.00	412.45	412.45	
895,307.40	$1,484,030.74	$2,319,364.94	

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BOND ISSUE—

HALL OF JUSTICE AND

Location of Work.	Contractor.	Contract For.
Hall of Justice	Dyer Brothers	Prison Cells
	Caldwell Co.	General Construction
	C. A. Blume Cons. Co.	Stair frames—additional
	E. W. Stone	Curbs for skylights
	Stand. Elec. Const. Co.	Electrical Work
	Wittman Lyman Co.	Plumbing
	Wm. Bateman	Interior Finish
	Otis Elevator Co.	Elevators
	Lennig-Rapple Co.	Heating and Ventilating
	A. Knowles	Plastering
	McSheehy Bros.	Alterations and additions
	Columbia Marble Co.	Marble Work
	Bennett Brothers	Hardware
	Rudgear Merle Co.	Interior Metal Work
	Hermann Safe Co.	Vault linings and doors
	Bldg. Repairs Dept.	Painting
	Adams & Hollopeter	Lighting Fixtures
Jail Additions	Ferrolite Co.	General Construction
	Pac. Rolling Mills Co.	Structural Steel
	Dyer Bros. Iron Wks.	Prison Cells
	Gen. Elec. Cons. Co.	Electrical Work
	Wittman Lyman Co.	Plumbing
	Lennig-Rapple Co.	Heating, etc.
	A. Knowles	Plastering
	Wm. Bateman Jr.	Interior Finish

† NOTE:—The contracts entered into and completed prior to June 30, 1911, are not listed. The total cost of these items is included however in the total expenditures to June 30, 1912.

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SERIES 1908.

COUNTY JAIL ACCOUNTS.

Amount.	Expended.	† Total Expended to June 30, 1912.	Remarks.
$ 29,900.00	$ 29,900.00		Completed.
257,139.00	251,116.00		7th payment.
795.75	795.75		Completed.
1,175.00	1,075.00		Completed.
6,690.00	5,017.50		6th and acceptance payment.
30,248.00	30,248.00		Completed.
53,900.00	53,900.00		Completed.
13,945.00	13,945.00		Completed.
28,692.00	27,794.67		Completed.
36,650.00	34,255.20		Completed.
11,992.00	11,992.00		Completed.
54,830.00	54,830.00		Completed.
3,778.00	3,678.00		2nd payment.
19,770.00	19,179.00		Completed.
3,584.00	3,559.00		Completed.
7,500.00	7,498.26		Completed.
14,395.00	14,395.00		Completed.
121,000.00	117,800.00		11th payment.
70,660.00	70,660.00		Completed.
44,600.00	44,092.00		Completed.
3,000.00	1,944.00		4th payment.
35,588.00	19,050.00		4th payment.
14,430.00	9,922.50		5th payment.
15,759.00	15,759.00		Completed.
22,695.00	15,015.00		4th payment.
$902,715.75	$857,420.88	$1,088,953.20	

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BOND ISSUE—

HOSPITAL CONSTRU

Location of Work.	Contractor.	Contract For.
‡San Francisco Hospital	Foster & Vogt	Fire Proofing Power House
	Roebling Const. Co	Partitions and Furring
	Guilfoy Cornice Co	Roofing
	Smith & Johnson	Plastering
	Lange & Bergstrom	Masonry—Power House
	Lange & Bergstrom	Exterior Carpentry, etc.
	Lange & Bergstrom	Terra Cotta Clothes Chute
	Caldwell & Co	Brick & Tile Work, etc.
	Pac. Fire Exting. Co	Sheet Metal Work
	Ralston Iron Works	Exterior Ornamental Work
	Ralston Iron Works	Interior Ornamental Work
	Wittman Lyman Co	Mains & Risers H. P. System
	Wittman Lyman Co	Plumbing—Receiving Building
	Wittman Lyman Co	Plumbing—Administration Bldg.
	Wittman Lyman Co	Power House and Laundry
	Walters Surgical Co	Sterilizers
	W. W. Montague Co	Floor Tiling
	D. H. Gulick	Special Fixtures
	D. H. Gulick	Plumbing Fixtures
	†J. Belknap	Plumbing Building No. 1
	†J. Belknap	Plumbing Building No. 2
	†J. Belknap	Plumbing Building No. 3
	†J. Belknap	Plumbing Building No. 4
	†J. Belknap	Plumbing Building No. 5
	†J. Belknap	Plumbing Nurses' Home
	†J. Belknap	Plumbing Receiving Building
	†J. Belknap	Plumbing Additional
	†J. Belknap	Plumbing Service Building
	J. G. Sutton Co	Plumbing Nurses' Home
	J. G. Sutton Co	Plumbing Ward Building No. 1
	J. G. Sutton Co	Plumbing Ward Building No. 2
	J. G. Sutton Co	Plumbing Ward Building No. 3
	J. G. Sutton Co	Plumbing Ward Building No. 4
	J. G. Sutton Co	Plumbing Receiving Building
	J. G. Sutton Co	Plumbing Additional
	J. G. Sutton Co	Revised General Plumbing, etc
	J. G. Sutton Co	Disinfection P. H. Laundry
	The Turner Co	Heating, etc., Nurse's Home
	The Turner Co	Additional H. P. Steam Piping
	The Turner Co	Heating Building No. 1
	The Turner Co	Heating Building No. 2
	The Turner Co	Heating Building No. 3
	The Turner Co	Heating Building No. 4
	The Turner Co	Heating Service Building

‡ NOTE:—Contractor failed: contracts, balances due and extras cancelled by Resolution No. 14,847 S. S. Board of Public Works; and new contracts entered into.

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SERIES 1908.

CTION ACCOUNT.

Contract.	Contract.	to June 30, 1912. Total Expended	Remarks.
$ 23,897.00	$ 23,752.00		Completed.
57,000.00	40,446.00		7th payment.
6,942.00	6,942.00		Completed.
57,329.00	40,500.00		8th payment.
16,579.00	16,197.00		3rd payment.
21,000.00	21,000.00		Completed.
3,271.00	3,271.00		Completed.
220,500.00	215,500.00		15th payment.
7,343.00	6,994.67		Completed.
3,494.00	3,494.00		Completed.
10,977.00	10,213.00		Completed.
4,230.00	2,000.25		1st payment.
4,058.00	2,200.50		2nd payment.
1,790.00	800.25		1st payment.
5,974.00	4,182.00		2nd payment.
1,356.00	1,356.00		Completed.
1,470.00	1,470.00		Completed.
11,778.45	11,778.45		Completed.
3,895.00	3,895.00		Completed.
6,347.00	2,512.50		1st payment.
6,347.00	2,512.50		1st payment.
6,347.00	2,370.00		2nd payment.
6,692.00	2,511.00		3rd payment.
6,283.00	2,700.00		1st payment.
5,879.00	2,002.50		2nd payment.
16,539.00	8,269.50		3rd payment.
3,191.00	2,062.50		1st payment.
5,457.00	2,362.50		1st payment.
3,400.00	3,300.00		
3,800.00			
3,800.00			Completion of Belknap's Contract.
3,800.00			
3,900.00			
10,400.00			
1,580.00			
22,880.00			
1,580.00			
1,328.00	840.00		2nd payment.
4,880.00	4,880.00		Completed.
2,192.00	1,500.00		2nd payment.
2,192.00	876.80		1st payment.
2,192.00	1,225.50		2nd payment.
2,230.00	1,236.75		2nd payment.
1,830.00	732.00		1st payment.

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BOND ISSUE—

HOSPITAL CONSTRUCTION

Location of Work.	Contractor.	Contract For.
	The Turner Co.	Plumbing Administration Building
	Central El. P. & H. Co.	Water Piping for Tunnel
	Electric Cable Co.	Electric Wiring
	Jarvis Crude Oil B'n'r.	Fuel Oil System, Kitchen & Bakery
	Robt. A. McLean	Floors, etc.
	Frdk. C. Roberts Co.	Steam Turbine, Generators, etc.
	Jno. A. Roebling Co.	Conduit fittings, etc.
	Speck Mfg. Co.	Sterilizer P. H. Laundry
	Troy Laundry Mchy Co.	Laundry Plant
	Bennett Brothers	Hardware
	Columbia Marble Co.	Interior Marble Work
	Robt. Dalziel Jr. Co.	Boilers, etc. Laundry
	John H. Eisenhart	Bake Oven
	W. P. Fuller Co.	Glass and Glazing
	J. Looney	Plumbing—Service Building
	Lowry & Daly	Interior floors and wall tinting
	Mangrum & Otter Co.	Cooking apparatus and installation
	McLean, Haggans, Aden.	Finish Work P. H. and Laundry
	McSheehy Brothers	Interior Carpentry
	Otis Elevator Co.	Elevator Installation
	Vulcan Iron Works	Ice Making and Refrigerator Plant

NOTE:—The contracts entered into and completed prior to June 30, 1911 are not listed. The total cost of these items are included however, in the total expenditures to June 30, 1912.

BOND ISSUE—

GARBAGE DISPO

Location of Work.	Contractor.	Contract For.
General Investigation	Direction City Engineer.	Engineer, Plans, Specifications, etc.
Incin'r Plant, N. Beach.	Destructor Co.	Construction Plant
Incinerator, Islais Cr'k.	Destructor Co.	Construction Plant
Incinerator, Islais Cr'k.	Mercer Fraser Co.	Grading Site Foundation
Incinerator, Islais Cr'k.	Judson Mfg. Co.	Steel Work Building
Incinerator, Islais Cr'k.	McLean, Haggans, Aden.	Gen. Const. Building

† Inclusive of all inspection and incidental expenses.

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SERIES 1908.

ACCOUNT—Continued.

Contract.	Contract.	Total Expended to June 30, 1912.	Remarks.
3,856.00			
19,450.00	19,050.00		Completed.
3,109.60	3,109.60		Completed.
1,175.00			
18,898.00	12,673.50		4th payment.
25,198.00	18,750.00		3rd payment.
926.00	926.00		Completed.
3,400.00	2,250.00		1st payment.
14,994.00	11,242.50		2nd payment.
7,177.00	6,500.00		2nd payment.
17,400.00	12,000.00		4th payment.
52,897.00	52,446.50		Completed.
1,299.00			Includes installation.
21,000.00	7,055.25		1st payment.
3,990.00			
52,999.00	18,000.00		2nd payment.
22,490.00	15,000.00		1st payment.
9,998.00	3,288.75		1st payment.
53,742.00	34,020.00		6th payment.
20,500.00	5,250.00		2nd payment.
13,889.00	6,375.00		2nd payment.
$966,337.05	$685,823.27	$1,223,701.40	

SERIES 1908.

SAL ACCOUNT.

Amount.	Expended.	† Total Expended to June 30, 1912.	Remarks.
$ 5,000.00	$ 225.65	$ 11,007.52	Balance forwarded.
132,075.00	9,550.50		3rd payment.
123,141.00	9,753.00	27,612.80	3rd payment.
12,429.00	11,951.90	11,951.90	Completed.
8,000.00			Under way.
62,155.00			Under way.
$342,800.00	$ 31,481.05	$ 50,572.22	

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BOND ISSUE—

WATER CONSTRU

Location of Work	Contractor.	Contract For.
Hetch Hetchy	Direction City Engineer	Investig'n sources Water Supply, etc.

BOND ISSUE—

WATER CONSTRU

Location of Work	Contractor.	Contract For.
Hetch Hetchy, etc.	Direction City Engineer	Investigation Water Supply
Lake Eleanor	Direction City Engineer	Investigation Water Supply
General Investigation	Direction City Engineer	Contingent Expenses

BOND ISSUE—

Location of Work.	Contractor.	Contract For.
Geary Street Road	*Eccles-Smith Co.	Tie Plates
	*Eccles-Smith Co.	Rail Bonds
	*Judson Mfg. Co.	Rail Spikes
	*Payne's Bolt Works	Steel Tie Rods and Nuts
	*Julius Heyman Co.	Redwood Ties
	*Amer. Haw. S. S. Co.	Freight on Rails
	*Penn. Steel Co.	Curves, Switches, etc.
	*Rail Joint Co.	Joints and Fastenings
	*National Tube Co.	Trolley Poles
	F. Rolandi	Car Barn Construction
	W. L. Holman Co.	Cars
	P. H. Mahoney	Track Construction
	Direct'n Bd. of Works	Track Construction
	Direct'n Bd. of Works	Track Construction
	Direct'n Bd. of Works	Setting Poles and Stringing Wire
	Direction City Engineer	Plans and Specifications
	City St. Improvem't Co.	Asphalt Paving
	Direct'n Bd of Works	Paving Right of Way

† Total expended is inclusive of all accounts (carried forward) to date.
* Carried forward from previous fiscal year.

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ERIES 1909.

TION ACCOUNT.

Amount.	Expended.	Total Expended to June 30, 1912.	Remarks.
		$ 33,968.53	All accounts closed.

ERIES 1910.

TION ACCOUNT.

Amount.	Expended.	Total Expended to June 30, 1912.	Remarks.
69,500.00	$ 49,376.69	$ 49,876.69	
45,000.00	12,809.28	14,410.23	
5,000.00	5,000.00	5,000.00	
$119,500.00	$ 67,185.97	$ 69,286.92	

ERIES 1910.

Amount.	Expended.	† Total Expended to June 30, 1912.	Remarks.
6,900.00	$ 6,900.00		Completed.
4,491.50	4,422.50		Completed.
1,610.00	1,353.70		Completed.
2,023.00	2,022.79		Completed.
17,000.00	18,049.32		Completed.
27,681.25	27,904.60		Completed.
45,713.00	45,713.00		Completed.
17,935.00	17,935.00		Completed.
15,394.60	18,773.80		Completed.
210,000.00			
337,100.00			43 cars ordered.
268,695.00	9,834.00		1st pay't; work bet. Kearny & 5th.
	1,558.38		Inspection of " " "
	99,115.44		Day labor—5th to 33rd Ave.
30,000.00	27,951.73		Day labor—5th to 33rd Ave.
22,250.00	18,575.81		Total to date—balance forwarded.
8,822.00	8,634.03		Completed 5th to 33rd.
95,000.00	54,863.79		Completed 5th to 33rd.
1,110,615.35	$363,607.89	$467,158.82	

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MUNICIPAL WATER WORKS.

TABULATION OF RECEIPTS AND EXPENDITURES, JULY 1, 1911 TO JUNE 30, 1912.

Month.	Total Income	Water Receipts	Receipts Service Connections	Receipts Co. Line Water Company	Total Receipts	Total Expenditures	Operating Expenses	Betterments and Equipments		Net Loss or Gain
1911.										
July	$ 286.00	$ 308.45	$ 10.00		$ 318.45	$ 332.39	$ 310.91	$ 21.48	Ls.	$ 24.91
August	298.45	273.20		* 81.03	354.23	628.87	507.07	121.80	Ls.	208.62
September	291.80	294.90		† 258.78	553.68	411.33	411.33		Ls.	119.53
October	286.05	268.90	10.00		278.90	427.56	416.31	11.25	Ls.	130.26
November	284.65	291.15	25.00		316.15	400.70	400.70		Ls.	116.05
December	290.80	252.50			252.50	370.46	354.26	16.20	Ls.	63.46
1912.										
January	287.05	276.95	10.00		286.95	410.86	402.90	7.96	Ls.	115.85
February	291.55	273.45	10.00		283.45	419.78	351.40	68.38	Ls.	59.85
March	297.40	307.25	10.00	‡ 313.96	631.21	505.40	505.40		Ls.	208.00
April	307.23	321.05	15.00		336.05	317.28	294.65	22.63	Gn.	12.58
May	312.55	305.75	10.00		315.75	279.65	279.65		Gn.	32.90
June	312.45	319.03			319.03	672.93	672.06	.87	Ls.	359.61
	$3,545.98	$3,492.58	$ 100.00	$ 653.77	$4,246.35	$5,177.21	$4,906.64	$ 270.57	Ls.	$1,360.66

* Rebated on account of May 1911 deficit (from Trust Co.) from moneys held in escrow.

† Rebated on account of June and July 1911 deficit (from Trust Co.) from moneys held in escrow.

‡ Rebated on account to cover all outstanding indebtedness from moneys held in escrow.

This amount was agreed upon after conference with the City Attorney's representative, the Attorney for the County Line Water Company, The Board of Public Works (Bookkeeper's Report) and the Finance Committee of the Board of Supervisors.

Note:—In the Budget for 1911-1912, $4,200.00 was appropriated for Municipal Water Works. This amount was not drawn against, and was returned to the General Fund as a surplus June 30, 1912.

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BEALE STREET GRADE CHANGE—ASSESSMENT DISTRICT.

(Beale Street bet. Folsom & Bryant and Permanent Bridge on Harrison across Beale.)

SPECIAL DEPOSIT FUND.

Cost of Improvement		$87,936.65
Assessment to pay Damage		6,000.00
Sundry Costs		2,459.80
Total Assessment		$96,396.45
Paid by owners		$84,962.63
Appropriated by Board of Supervisors to meet delinquency of State of California		11,433.82
Contract August, 1911 to Foster & Vogt (Willett & Burr, assigners)		$87,936.65
2nd partial payment made to contractor aggregating	$41,451.92	
Misc. expenses to June 30, 1912	7,586.14	
Total expended	$49,038.06	

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STREET CLEANING

ANNUAL REPORT OF THE STREET CLEANING DEPARTMENT

BOARD OF PUBLIC WORKS.

To The Honorable The Board of Public Works,
Michael Casey, President, City Hall.

Gentlemen: The following is a report of the work performed by the Street Cleaning Department (including sweeping, sprinkling, flushing and washing of public streets) the expenses, the average number of street sweepers employed, and the number of teams employed by said department of the Board of Public Works, for the fiscal year beginning July 1st, 1911, and ending June 30th, A. D. 1912.

STREETS SWEPT BY HAND.

1911	Central Dist. Sq. Yards	Dist. No. 1 Sq. Yards	Dist. No. 2 Sq. Yards	Dist. No. 3 Sq. Yards
July	9,875,208	6,187,573	10,687,102	2,719,641
August	9,865,407	5,963,135	10,215,128	2,604,825
September	11,120,500	6,920,125	10,439,914	2,966,989
October	11,198,127	6,954,872	10,568,124	2,998,235
November	10,965,825	8,647,395	10,215,408	2,895,965
December	9,872,604	5,910,229	8,730,216	2,409,561
1912				
January	10,528,637	5,085,311	9,310,030	2,405,858
February	12,757,062	4,191,145	7,443,738	2,861,286
March	12,533,751	4,118,706	6,035,417	2,494,441
April	13,852,689	5,304,240	7,582,168	3,534,303
May	14,555,346	5,222,721	7,501,577	3,007,412
June	12,565,690	5,576,446	7,590,028	3,109,801
Totals	139,690,846	70,081,898	106,318,850	34,008,317

1911	Dist. No. 4 Sq. Yards	Dist. No. 5 Sq. Yards	Total for the month Sq. Yards
July	5,590,193	.....	35,059,717
August	5,324,163	.....	33,972,658
September	5,815,581	.....	37,263,109
October	5,863,100	.....	37,582,458
November	5,724,300	.....	38,448,893
December	4,970,479	.....	31,893,089
1912			
January	2,968,208	.....	30,298,044
February	3,608,201	1,948,330	32,809,762
March	3,595,469	3,259,885	32,037,669
April	4,110,690	4,696,851	39,080,941
May	4,444,189	4,879,777	39,611,022
June	4,065,007	4,750,403	37,657,375
Totals	56,079,580	19,535,246	425,714,737
Grand Total			425,714,737

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STREETS SWEPT BY MACHINE.

	Dist. No. 1 Sq. Yards	Dist. No. 2 Sq. Yards	Dist. No. 3 Sq. Yards	Dist. No. 4 Sq. Yards	Total for the month Sq. Yards
1911					
July	1,376,954	267,125	1,724,185	2,916,305	6,284,569
August	1,254,825	735,408	1,511,225	2,780,906	6,282,364
September	1,396,425	.....	1,576,832	2,879,187	5,852,444
October	1,378,498	.....	1,592,134	2,954,708	5,925,340
November	1,268,372	.....	1,584,615	2,933,708	5,786,695
December	1,689,503	.....	1,856,498	2,289,273	5,835,274
1912					
January	896,481	253,244	1,576,823	1,473,381	4,199,929
February	614,753	685,359	1,217,714	2,879,052	5,346,878
March	.....	256,652	1,142,261	2,447,783	3,846,696
April	687,762	868,998	1,318,883	2,748,144	5,623,787
May	453,471	419,155	3,704,269	1,138,947	5,715,842
June	224,723	274,975	1,310,908	3,244,695	5,055,301
Total	11,241,767	3,710,916	20,116,347	30,686,089	65,755,119

Grand Total ..... 65,755,119 sq. yds.

STREETS SPRINKLED.

1911	Central Dist. Sq. Yards	Dist. No. 1 Sq. Yards	Dist. No. 2 Sq. Yards	Dist. No. 3 Sq. Yards
July	.....	4,936,100	4,367,800	9,123,600
August	.....	4,902,400	4,307,900	8,965,400
September	.....	4,933,700	4,329,400	8,989,100
October	.....	4,954,800	4,375,100	8,978,300
November	.....	4,125,800	4,314,600	6,378,900
December	.....	1,321,700	424,000	701,000
1912				
January	247,809	248,668	96,057	9,785
February	1,721,966	2,505,441	1,379,447	1,929,238
March	2,296,946	3,296,181	2,148,596	2,257,058
April	2,671,710	4,428,344	1,937,207	3,582,121
May	3,584,239	6,328,140	2,667,499	4,328,277
June	10,556,645	3,542,953	5,948,869	3,053,533
Totals	21,079,315	45,524,227	36,296,475	58,296,312

1911	Dist. No. 4 Sq. Yards	Dist. No. 5 Sq. Yards	Total for the month Sq. Yards
July	9,462,300	.....	27,889,800
August	9,354,800	.....	27,530,500
September	9,378,200	.....	27,630,400
October	9,392,800	.....	27,701,000
November	5,132,700	.....	19,952,000
December	960,300	.....	3,407,000

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1912			
January	.....	.....	602,319
February	3,566,400	.....	11,102,492
March	4,760,609	.....	14,759,390
April	8,742,256	918,950	22,280,588
May	10,594,159	1,319,644	28,821,958
June	5,001,612	1,288,768	29,392,380
Totals	76,346,136	3,527,362	241,069,827
Grand Total		241,069,827 sq. yds.	

WASHING.

	Cent. Dist. Sq. Yards	Dist. No. 1 Sq. Yards	Dist. No. 2 Sq. Yards	Dist. No. 3 Sq. Yards	Dist. No. 4 Sq. Yards	Total for the month.
1911						
Oct.	.....	.....	65,321	143,460	.....	208,781
Nov.	725,100	328,763	263,215	.....	.....	1,317,078
Dec.	3,364,506	2,492,611	1,567,589	.....	.....	7,424,706
1912						
Jan.	1,422,545	1,955,002	2,723,154	71,845	11,417	6,183,963
Feb.	329,497	769,070	132,712	112,652	1,203,162	2,547,093
Mar.	275,264	371,845	273,269	191,533	42,141	1,154,052
April	406,537	.....	442,968	175,289	37,442	1,062,236
Total	6,523,449	5,917,291	5,468,228	694,779	1,294,162	19,897,909
Grand Total						19,897,909

FLUSHING.

	Cent. Dist. Sq. Yards	Dist. No. 1 Sq. Yards	Dist. No. 2 Sq. Yards	Dist. No. 3 Sq. Yards	Dist. No. 4 Sq. Yards	Sq. Yds. Total for the month.
1911						
Dec.	964,700	935,840	478,600	.....	.....	2,379,140
1912						
Jan.	825,885	252,225	250,665	106,707	52,988	1,488,470
Feb.	568,447	506,707	557,982	88,627	100,984	1,822,747
Mar.	465,443	.....	215,445	152,293	3,476	836,657
April	54,713	79,576	.....	1,776	.....	136,065
May	.....	240,068	75,660	87,345	.....	403,073
Total	2,879,188	2,014,416	1,578,352	436,748	157,448	7,066,152

NUMBER OF TEAMS EMPLOYED.

	On Dirt Wagons.	On St. Sprinklers.	On St. Sweeping Machines.	On St. Washing Machines.	On St. Flushing Machines.	Total for the current Month.
1911						
July	1,152¼	356	100	.....	.....	1,608¼
August	1,215	381½	108	.....	.....	1,704½
September	1,041½	326½	92	.....	.....	1,460
October	1,114¼	349	100	10	.....	1,573¼
November	1,083½	219	127½	56	.....	1,486
December	988½	101	115	121	.....	1,325½

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1912						
January	1,081¾	6	66½	150	72	1,326¼
February	1,085½	120½	107	60	43	1,416
March	1,127¼	133	84	.....	59	1,403¼
April	1,139	259¼	136	.....	41	1,575¼
May	1,078	317½	115	.....	32	1,542½
June	1,020	370	110	.....	.....	1,500
Totals	13,076½	2,939¼	1,261	397	247	17,920¾

EXPENSE ACCOUNT.

1911	Pay Roll.	Teams.	Materials and Repairs.	Water Bill.	Buggies.
July	$15,359.00	$10,458.65	$ 609.56	$1,257.76	$ 405.00
August	16,176.00	11,079.35	747.82	786.05	360.00
September	14,566.00	9,490.00	382.80	687.30	360.00
October	15,029.65	10,226.20	334.52	662.80	360.00
November	14,491.20	9,659.45	41.76	462.50	360.00
December	13,259.40	8,615.90	1,495.74	336.50	360.00
1912					
January	12,731.55	8,620.70	1,084.48	325.36	360.00
February	13,828.05	9,204.05	149.02	366.64	360.00
March	13,766.60	9,121.25	315.85	403.67	360.00
April	14,468.65	10,239.85	332.15	579.60	360.00
May	13,988.70	10,026.25	690.36	683.28	360.00
June	13,677.60	9,750.10	.....	718.64	352.50
Total	$171,342.40	$116,486.75	$6,184.06	$7,220.10	$4,357.50

	Bunker Loads.	S. F. Gas & Electric Bill.	Two new Sprinkler Wagons.	Totals for the current Months.
1911				
July	$ 20.25	.....	.....	$ 28,105.22
August	6.75	.....	.....	29,155.97
September	12.25	.....	.....	25,448.35
October	29.75	.....	.....	26,642.92
November	31.25	.....	.....	25,046.16
December	18.25	$1.02	.....	24,086.81
1912				
January	.....	.....	.....	23,122.09
February	.....	.....	.....	23,907.76
March	.....	.....	.....	23,967.37
April	20.50	.....	.....	26,000.75
May	.....	.....	$944.00	26,692.59
June	.....	.....	.....	24,498.84
Totals	$139.00	$1.02	$944.00	$306,674.83

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	No. of loads of dirt removed from the public streets.	Average number of St. sweepers employed per day.
1911—July	4,531	165
August	4,972	165
September	4,063	165
October	4,517	165
November	4,290	170
December	3,887	170
1912—January	3,970	114
February	4,316	150
March	4,687	153
April	4,606	152
May	4,292	126
June	4,133	123
	52,264	

The foregoing report is made from the records kept in the street cleaning department (Board of Public Works) during the year 1911-1912.

The report of streets swept in the Central District includes all the work done by the men regularly stationed at certain blocks or streets and called "Block men".

The hand sweeping also includes the work of the gang that accompanies the street sweeping machines for the purpose of sweeping by hand.

Respectfully submitted,

PETER J. OWEN,

Superintendent of the Street Cleaning Department, Board of Public Works, City and County of San Francisco, State of California.

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SEWER DEPARTMENT

San Francisco, Cal., September 17, 1912.

To the Honorable, The Board of Public Works,
of the City and County of San Francisco.

Gentlemen:—I have the honor to submit herewith the report of the operations of the Sewer Department, for the fiscal year, from July 1, 1911, to June 30, 1912.

The principal work of the Department is reported under the following classifications:

Sewer Reconstruction and Repairs.
Sewer Cleaning.
Cesspool Cleaning.
Sewer and Cesspool flushing.
Carpenter Work.
Repairs to Fire Cisterns.

Respectfully submitted,

J. C. LINEHAN,
Superintendent of Sewers.

SEWER REPAIRS AND RECONSTRUCTION.

There were 384 sewer breaks during the fiscal year from July 1, 1911 to June 30, 1912. Of this number 238 were repairs to iron stone pipe sewers, 146 were repairs to brick sewers, 94 manholes and 164 cesspools were constructed, 156 manholes and 366 cesspools were repaired. A large number of old granite rims and defective castings were replaced by new ones.

There were 16,243½ feet of iron stone pipe sewers, and 10,475 lineal feet of brick sewers reconstructed during the fiscal year.

In the performance of the above work the following quantities of material were used.

17,228 lineal feet of iron stone pipe.
368,375 brick.
6,527 sacks cement.
148 manhole rims and covers.
222 horseshoe frames and grates.

The principal reconstruction work was performed at the following locations:

Geary, between Polk and Van Ness.
Van Ness, between Fell and Market.
Duboce, between Fillmore and Steiner.
Alvarado, between Hoffman and Douglass.
Harriet, off Bryant Street.
Sacramento and Baker streets.

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Clay, between Lyon and Baker streets.
Broderick, between Clay and Sacramento.
Austin Ave., between Franklin and Gough.
Eddy and Taylor street.
Bessie Ave. and Folsom street.
Grove and Van Ness Ave.
14th, between Alpine and Buena Vista Ave.
Hayes and Masonic Ave.
Commercial, between Drumm and East.
Turk, between Scott and Divisadero.
6th Ave., between Lincoln Way and Hugo street.
25th and Vicksburg.
30th and Sanchez street.
Church, between 25th and Jersey.
Willard and Golden Gate Ave.
Buchanan, between Bush and Sutter.
Jones, between Filbert and Greenwich.
Chestnut and Powell street.
Mission, between 30th and Cortland Ave.
30th, between Sanchez and Noe street.
Haight, between Baker and Broderick.
Mission, between 28th and Powell.
Sacramento, between Hyde and Larkin.
Brannan, between First and Second.
25th, between Church and Sanchez.
Fillmore, between Ellis and O'Farrell.
Pacific, between Kearny and Montgomery.
Stanyan, between Waller and Beulah.
27th, between Dolores and Guerrero.
California, between Fillmore and Webster.
San Bruno Ave. and Felton Street.
19th Ave. and Pt. Lobos Ave.
Douglass, between 17th and 18th.
Jackson, between Hyde and Larkin.
Shotwell, between 18th and 19th.
Oak, between Octavia and Laguna.
Davis, between Jackson and Washington.
Pacific, between Hyde and Larkin.
Hoffman Ave. and 25th street.
Stanyan, between Carl and Parnassus.
Stanyan, between Carl and Frederick.
Alma, between Shrader and Stanyan.
Noe, between 25th and Jersey.
Jessie, between 6th and 7th.
Fillmore, between Haight and Waller.
Langton, between Powell and Stockton.
Gough, between Post and Geary.
Union, between Franklin and Gough.
11th Ave. and Mora street.
Washington, between Grant Ave. and Kearny.
Steuart, between Mission and Market.
Sutter and Gough street.
Pierce, between Vallejo and Broadway.
Jackson, between Powell and Stockton.
Greenwich, between Powell and Stockton.
17th, between Mission and Valencia.

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21st, between Folsom and Harrison.
Bush and Battery street.
Stevenson, between First and Second.
Harriet, between Folsom and Harrison.
Langton, between Folsom and Harrison.
19th, between Mission and Valencia.
16th Ave. and Geary street.
Sanchez, between 24th and 25th.
Turk, between Mason and Taylor.
Kearny, between Jackson and Pacific.
Ellis, between Polk and Larkin.
Ellis, between Laguna and Buchanan.
Lyon, between Golden Gate and McAllister.
Lily Ave., between Laguna and Buchanan.
Oak, between Webster and Buchanan.
Sacramento and Polk street.
Ninth and Mission street.
Lisbon and Russia street.
Pierce and Waller street.
Pacific and Franklin street.
O'Farrell and Hyde.
Langton, between Bryant and Brannan.
Harrison Ave. and Bruce street.
17th, between Temple and Danvers.
Bernal Ave., between Coso and Shotwell.
18th, between Sanchez and Noe.
Church, between 27th and Army.
Guerrero, between 27th and Army.
Stockton, between Sutter and Bush.
Geary, between Scott and Steiner.
Scotland, between Filbert and Montgomery.
20th, between Castro and Diamond.
Noe, between 19th and 20th.
Cole, between Haight and Page.
Broadway, between Powell and Stockton.
Lundy Lane, between Coso and Virginia Ave.
Grove, between Baker and Broderick.
Army, between San Jose and Guerrero.
23rd, between Treat Ave. and Folsom.
7th, between Mission and Howard.
San Bruno Ave. and Woolsey street.
Spear, between Mission and Market.
Sansome, between Bush and Sutter.
Rose Ave., between Gough and Octavia.
Jackson, between Front and Battery.
Geary and Presidio Ave.
Chestnut, between Polk and Van Ness Ave.
Fell, between Laguna and Buchanan.
Sansome and Halleck.
Clementina, between 7th and 8th.
Filbert and Buchanan street.
19th and York street.
Second and Folsom street.
13th Ave. and Kirkham street.
West Clay Park and 22nd Ave.
Army, between San Jose Ave. and Valencia.

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Broadway, between Hyde and Larkin.
Bernard and Taylor.
Coso Ave. from Prospect Ave. to Elsie street.
Third Ave., between California and Clement.
Anza, between 13th and 14th Ave.
16th Ave., north of Lake street.
20th and Alabama.
23rd and De Haro.
17th Ave. and Lake street.
Jones, between Clay and Sacramento.
Coso Ave. from Precita Ave. to Bernal Ave.
Balboa from 14th Ave. to Park Boulevard.
Cabrillo from 14th Ave. to Park Boulevard.
Fulton from 13th to 14th Ave.
Geary street and Park Boulevard.
Bay, between East and Kearny.
35th Ave. and Lincoln Way.
20th Ave. and Lincoln Way.
Main and Mission.
Market, between Spear and Main street.
First Ave. and California street.
Third Ave. and South California street.
Stevenson, between 3rd and 4th street.
Second and Brannan street.
19th, between Valencia and Guerrero.
20th, between Mission and Valencia.
Shotwell, between 14th and 15th.
Oak, between Laguna and Buchanan.
Hayes, between Buchanan and Webster.
Gough, between Bush and Pine.
11th and Harrison.
Norfolk and Harrison.
12th and Harrison.
13th and Harrison.
14th and Harrison.
6th Ave., between Geary and Clement.
Grant Ave. and Geary street.
Harlan Place, off Grant Ave.
Pacific and Sansome street.
Beale, between Mission and Market.
Folsom, between 17th and 18th.
Buchanan, between Bush and Sutter.
15th and Kansas.
Elizabeth, between Church and Vicksburg.
Clay, between Divisadero and Broderick.
Herman, between Fillmore and Steiner.
Day and Noe street.
Post, between Octavia and Laguna.
Bartol, between Vallejo and Broadway.
Fulton, between Webster and Buchanan.
18th, between Folsom and Harrison.
15th, between Mission and Howard.
Fell, between Octavia and Laguna.
Turk, between Jones and Taylor.
Turk, between Hyde and Larkin.
Eddy, between Mason and Taylor.

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Bush, between Sansome and Battery.
Stockton, between Sacramento and California.

The following tabulation show the work performed and the material used for each month of the fiscal year.

	Pipe Sewers Reconstructed.	Brick Sewers Reconstructed.
1911—July	15	8
August	14	11
September	14	5
October	15	6
November	7	3
December	8	2
1912—January	11	2
February	19	5
March	27	8
April	29	10
May	4	9
June	7	6
Total	170	75

	Manholes Constructed.	Manholes Repaired.
1911—July	12	18
August	6	13
September	3	20
October	14	5
November	13	14
December	2	2
1912—January	5	11
February	13	9
March	11	7
April	7	24
May	4	15
June	4	13
Total	94	156

	Cesspools and Inlets Constructed.	Cesspools and Inlets Repaired.
1911—July	11	26
August	7	99
September	9	55
October	9	33
November	6	21
December	19	21
1912—January	14	19
February	16	26
March	19	24
April	20	14
May	23	12
June	11	16
Total	164	366

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	Lineal feet of Pipe Sewer Reconstructed.	Lineal feet of Brick Sewer Reconstructed.
1911—July	1,291½	920
August	1,202½	1,380
September	1,500	1,400
October	1,600	1,300
November	1,400	400
December	1,500	100
1912—January	1,195	200
February	1,345	500
March	1,347	700
April	2,005	1,100
May	1,012½	1,275
June	845	1,200
Total	16,243½	10,475

MATERIAL USED.

	Brick	Sacks of Cement	Number of Feet Iron Stone Pipe
1911—July	34,400	569	1,297½
August	38,250	737	1,202½
September	48,250	691	1,697
October	33,650	660	1,741
November	15,380	353	1,517
December	22,000	400	1,596
1912—January	19,450	464	1,345
February	21,310	484	1,347
March	29,700	498	2,005
April	39,800	657	1,345
May	37,735	567	940
June	28,450	447	1,195
Total	368,375	6,527	17,223

SEWER CLEANING—BRICK SEWERS.

These sewers were cleaned through the manholes with buckets and windlass, 9944 cubic yards of silt were removed and transported to the dump at a cost of $32,086.25. The following is an exhibit of the work performed each month.

	Cubic Yds. of Silt Excavated.	Cost.
1911—July	1,290	$ 3,687.00
August	1,615	4,616.00
September	1,323	4,090.00
October	1,252	4,126.50
November	445	1,506.00
December	110	415.00
1912—January	600	2,166.50
February	604	2,397.00
March	760	2,435.00
April	845	2,712.00
May	669	2,408.50
June	431	1,526.75
Total	9,944	$32,086.25

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CESSPOOL CLEANING.

Seven thousand seven hundred and eighty-nine cesspools and catch basins were cleaned, 6,062 cubic yards of silt were removed and transported to the dump at a cost of $11,694.75,

The following is an exhibit of the work performed each month:

	Cesspools Cleaned.	Cubic Yds. of Silt Removed.	Cost.
1911—July	618	596	$ 1,168.50
August	987	621	1,390.50
September	701	693	1,197.50
October	610	560	1,060.00
November	215	200	376.00
December	.....	.....	.....
1912—January	183	175	360.00
February	631	542	928.50
March	1,295	750	1,390.50
April	1,193	960	1,728.75
May	674	464	1,025.00
June	682	596	1,069.50
Total	7,789	6,062	$ 11,694.75

SEWER AND CESSPOOL FLUSHING AND SEWER EXAMINATION.

One hundred and one iron stone pipe sewers and 12,405 cesspools were cleaned by flushing with fresh water and 1314 blocks of sewers were examined at a total cost of $15,146.90.

The following is an exhibit of the work performed each month:

	Blocks Examined.	Sewers Flushed.	Cesspools Flushed.	Cost.
1911—July	149	100	1,664	$ 1,539.75
August	134	126	1,783	1,628.25
September	152	216	928	1,511.70
October	132	207	953	1,542.75
November	14	37	218	573.65
December	42	38	212	666.50
1912—January	22	67	355	1,067.75
February	32	72	682	1,105.90
March	62	112	1,130	1,507.00
April	96	134	1,802	1,647.15
May	87	129	1,736	1,482.05
June	79	70	942	880.45
Total	1,001	1,314	12,405	$15,146.90

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CARPENTER WORK.

The carpenter employed in the sewer department constructs and places all danger barricades, constructs sewer forms, windlass frames, and performs all the general jobbing, makes repairs to plank roadways, and timbers dangerous sewer trenches.

In addition to the above work the following are the principal items of construction and repair work performed.

20th Ave. and Lincoln Way constructed 4x4 wooden box sewer 50 feet long.

35th Ave. and Lincoln Way constructed 4x6 wooden box flume 230 feet long.

Foot of Larkin street extended 4x4 wooden box sewer 50 feet.

Filbert Place and Montgomery street repaired 60 feet of wooden box sewer.

Green, between Kearny and Vincent street repaired 30 feet of wooden box sewer.

Commercial, between Drumm and Embarcadero repaired wooden box sewer.

Foot of Folsom street repaired wooden box sewer.

Foot of Washington street repaired wooden box sewer.

FIRE CISTERNS.

The sewer repair and cleaning forces of the Sewer Department pumped out, cleaned and made repairs to the following water cisterns of the Fire Department.

20th and Howard street.
Washington and Stockton street.
Grant Ave. and Green street.
Grant Ave. and Washington street.
Powell and Green street.
Grant Ave. and Union street.
Pacific and Powell street.
Pacific and Powell street.
Pacific and Sansome street.
Kearny and Sacramento street.
Post and Kearny street.
22nd and Shotwell street.
Stevenson and Ecker street.
Pacific and Kearny street.
Jackson and Powell street.
Cumberland and Guerrero street.
Filbert and Powell street.
Broadway and Powell street.
16th and Dolores street.

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REPORT OF CITY ARCHITECT

INTRODUCTION.

The Bureau of Architecture was in charge of Alfred I. Coffey as Chief Architect, until April 8, 1912. Upon the resignation of Mr. Coffey, the work of the Bureau was taken up by the Advisory Board of Consulting Architects, appointed March 28, 1912, by the Board of Public Works.

The following gentlemen were appointed:

JOHN GALEN HOWARD,
FREDERICK H. MEYER,
JOHN RIED, JR.

The total cost of work contracted for during the fiscal year 1911-1912 is as follows:

San Francisco Hospital	$ 443,749.60
School Buildings	520,171.00
Police Stations	25,514.50
Fire Stations	23,940.00
Hall of Justice	2,300.00
City and County Jail	25,480.00
	$1,041,155.10

The details of this work are given in the following statements and totals:

SAN FRANCISCO HOSPITAL (22d and Potrero).

A Group of class "A" structures comprising the following detached buildings with their connecting corridors:
Administration Building,
Four Ward Buildings,
Receiving or Operating Building,
Nurses' Home Building,
Service Building.
Power House and Laundry Building.

Contract	Date Awarded	Contractor	Contract Price
Completion Plumbing Ward No. 1	Nov. 24, 1911	John G. Sutton Co.	$ 3,800.00
Completion Plumbing Ward No. 2	Nov. 24, 1911	John G. Sutton Co.	3,800.00
Completion Plumbing Ward No. 3	Nov. 24, 1911	John G. Sutton Co.	3,800.00
Completion Plumbing Ward No. 4	Nov. 24, 1911	John G. Sutton Co.	3,900.00
Completion Plumbing Receiving Bldg.	Nov. 24, 1911	John G. Sutton Co.	10,400.00

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Completion Plumbing Nurses' Home	Nov. 24, 1911	John G. Sutton Co.	8,400.00
Completion Plumbing Admin. Bldg.	Nov. 24, 1911	The Turner Co.	3,856.00
Completion Plumbing Service Bldg.	Nov. 27, 1911	J. Looney Co.	3,990.00
Completion Additional Plumbing	Nov. 18, 1911	J. G. Sutton Co.	1,580.00
Int. Finish 4 Wds and Nurses' Home	Aug. 28, 1911	McSheehy Bros.	53,742.00
Cement and Composition Flooring	Aug. 28, 1911	R. McLean	18,898.00
Clothes Chutes	Aug. 28, 1911	Lange & Bergstrom	3,271.00
Hardware, 4 Wards & Nurses' Home	Sept. 1, 1911	Bennett Bros.	7,177.00
Boilers	Oct. 4, 1911	R. Dalziel, Jr.	52,897.00
Turbines	Oct. 4, 1911	F. C. Roberts Co.	25,198.00
Sterilizers	Oct. 2, 1911	Speck Mfg. Co.	3,400.00
Disinfectors	Oct. 2, 1911	J. G. Sutton Co.	1,580.00
Laundry Plant	Oct. 2, 1911	Troy Laundry Mach. Co.	14,994.00
Tunnel Piping	Oct. 2, 1911	Central El. P. & H. Co.	19,450.00
Refrigerators	Oct. 2, 1911	Vulcan Iron Works	13,889.00
Power House Plmbg.	Sept. 22, 1911	Wittman, Lyman & Co.	5,974.00
Tiling	Oct. 25, 1911	Lowry & Daly	52,999.00
Glazing	Nov. 3, 1911	W. P. Fuller Co.	21,000.00
Kitchen Utensils	Nov. 27, 1911	Mangrum & Otter	22,490.00
Int. Ornamental Iron	Dec. 27, 1911	Ralston Iron Works	10,977.00
Int. Marble Work	Feb. 2, 1911	Columbia Marble Co.	17,400.00
Comp. Power House	Mar. 22, 1912	McLean, Haggans & Aden	9,998,00
Elevators	April 1, 1912	Otis Elevator Co.	20,500.00
Oil burners	April 24, 1912	E. Jarvis	1,175.00
Bake Oven	May 22, 1912	J. H. Eisenhart	1,299.00
Rev. Plumbing and Sterilizers	June 5, 1912	J. H. Sutton Co.	22,880.00
Electric Supplies	Feb. 5, 1912	Electric Cable Co.	3,109.60
Conduit	Feb. 5, 1912	J. A. Roeblings Co.	926.00
			$443,749.60

HALL OF JUSTICE (Washington and Kearny Sts.)

Contract	Date Awarded	Contractor	Contract Price
Photo gallery	Mar. 11, 1912	Wm. Newsom	$ 2,800.00

CITY AND COUNTY JAIL (Wash. bet. Kearny and Mont. Sts.)

Contract	Date Awarded	Contractor	Contract Price
Interior Finish	July 19, 1911	Wm. Bateman	22,695.00
Hardware	Jan. 12,1912	Bennett Bros.	1,747.00
Vaults	Aug. 2, 1911	Hermann Safe Co.	1,038.00
			$ 25,480.00

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POTRERO POLICE STATION (20th and Kentucky Sts.)

Contract	Date Awarded	Contractor	Contract Price
General	Aug. 16, 1911	Robert Trost	21,272.00
Plumbing	Aug. 16, 1911	Kiernan & O'Brien	3,355.00
Electrical	Aug. 16, 1911	National Elec. Co.	596.00
Lighting Fixtures	June 17, 1912	Shermund & Krauss	291.50
			$ 25,514.50

This station comprises two structures, namely, Station and Stable buildings and are of Class "C" construction. The exterior walls are of concrete and brick finished with a white cement plaster. The interior finish throughout is of selected Oregon pine. A modern system of steam heating provides heat for all rooms and offices. The ground floor of station building contains an assembly room, business office with public lobby, private offices for Captain and Lieutenant, Sergeant's room, booking office and detention cells for prisoners.

The second floor contains a spacious locker room for convenience of officer's, a rifle storage room and toilet room with tiled floor and walls.

The stable building furnishes accomodations for fifteen horses used by the mounted police and patrol wagon service. The loft portion is utilized for the storage of hay and grain with convenient quarters for the hostler in charge. The floor throughout is finished with bitumen pavement laid on a concrete base. Stalls are all equipped with automatic hay racks and dirt-proof feed boxes.

The buildings are so arranged that driveways occur on both sides of the station buildings while a wide court separates the station and stable buildings.

ENGINE HOUSE, NO. 28, (Stockton, near Greenwich).

Contract	Date Awarded	Contractor	Contract Price.
General	May 17, 1912	O. C. Holt	$ 23,940.00

This fire station is of Class "C" construction and contains all of the latest ideas in fire house construction where automobile apparatus is installed. The exterior walls are of brick, the front being laid up in pressed brick with granite bases, sills, etc. The entire first floor will be covered with vitrified paving brick set on a concrete base in selected patterns. The main floor will accommodate four pieces of automobile fire apparatus. Two 360 gallon tanks for gasoline storage will be set in concrete pits under sidewalk at curb. Supply pipes are carried concealed in walls to a point opposite each piece of apparatus where the gasoline can be safely and conveniently handled.

The walls to a height of eight feet above floor line will be faced with enameled brick.

The second story provides quarters with connecting bath for the Battalion Chief, quarters for Captain and Lieutenant and a large well ventilated dormitory. Three slide poles are conveniently located to give rapid egress when required.

The rear portion of this floor contains a general lobby, a sitting room, toilet and baths with hot and cold showers.

GIRL'S HIGH SCHOOL (Scott St., bet. Geary & O'Farrell).

Contract	Date Awarded	Contractor	Contract Price
General	Sept. 8, 1911	Henning & Burke	$ 239,444.00
Structural Steel	Sept. 6, 1911	Ralston Iron Works	61,840.00
Moving Building	Sept. 20, 1911	Wm. Bruce	4,750.00
Heating-Ventilating	Mar. 22, 1912	C. E. Thomas Co.	29,850.00
Plumbing	Jan. 17, 1912	J. Looney Co.	13,769.00
Electrical	Jan. 17, 1912	Standard El. Time Co.	5,497.00
Vacuum Cleaning	April 5, 1912	General Engr. Co.	577.00
Clock Wiring	May 22, 1912	Standard El. Const.. Co.	2,780.00
Hardware	May 31, 1912	Bennett Bros.	48,870.00
			$ 363,394.00

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This second story and basement school building is of Class "C" construction and fronts on three streets as follows: On Scott street 264 feet, on O'Farrell street 277 feet and on Geary street 147 feet, built on the "U" shaped plan with large open court in center, containing 40 rooms used as class rooms, study rooms, science rooms and laboratories, together with large locker rooms, teachers' and principal's rooms and offices, toilets and lavatories, furnace room and janitor's room. The assembly hall which is located on the east end of the south wing has a seating capacity of 1125 persons.

Plumbing:

The most modern school plumbing system.

Heating:

The most modern system of steam plenum heating and ventilation with automatic regulation for maintaining a uniform temperature.

CLOCKS:

The most up to date program clock system.

LIGHTING:

Provided for complete lighting facilities both gas and electricity.

ARRANGEMENT:

Basement—Contains a large gymnasium with dressing rooms, showers and lockers, domestic science and lunch rooms, large recreation room, general locker rooms, work rooms, store rooms, out closet and space for heating and ventilating plant.

First floor—Twelve large class rooms, study rooms and lecture halls, principal's and teachers' rooms and offices and the auditorium.

Second floor—Ten large class rooms, balcony for auditorium, science laboratories and lecture rooms, also large library and study room.

EVERETT SCHOOL ANNEX (Sanchez Street, between 16th and 17th).

Contract	Date Awarded	Contractor	Contract Price
General	Jan. 16, 1912	Lange & Bergstrom	$ 6,989.00

This building consists of a frame annex to the Everett School. The first floor contains a large assembly room with a seating capacity of 300. The second floor is divided into two large rooms to be used for Manual Training and Domestic Science work. These rooms are finished with surfaced lumber and are fitted out with all modern equipment.

DENMAN GRAMMAR (YARD WORK), Pierce, between Hayes and Fell.

Contract	Date Awarded	Contractor	Contract Price
General	July‡ 12, 1911	Henning & Burke	$ 30,888.00

JUNIPERO SIERRA SCHOOL (Holly Park Ave., between Highland and West Park).

Yard Work	Nov. 1, 1911	Flinn & Treacy	1,994.00

FARRAGUT PRIMARY SCHOOL (Holloway and Capitol avenues).

Yard Work	Nov. 20, 1911	Flinn & Treacy	4,559.00

LOWELL HIGH SCHOOL (Hayes, Fell, Ashbury and Masonic).

Hardware	Jan. 12, 1912	Palace Hdw. Co.	2,912.00
Clocks	Feb. 12, 1912	Standard El. Time Co.	1,850.00
Stand Pipes	May 12, 1912	Wittman, Lyman & Co.	1,194.00
Ex. Cement Plaster	May 22, 1912	Bradley & O'Reilly	2,850.00
Fire Escapes	June 10, 1912	C. S. Hoffmann	400.00
			$ 9,206.00

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CLEMENT SCHOOL (30th and Day Streets).

Removing supls earth	Nov. 1, 1911	Henning & Burke	1,773.00

POLYTECHNIC HIGH SCHOOL, (Academic Bldg., Frederick, bet. 1st Ave. and Willard).

Ex. and Foundation	Mar. 4, 1912	J. W. Carr	29,893.00
Structural Steel	Nov. 24, 1911	Dyer Bros.	71,475.00

The construction of this building will be Class "A" —a steel carrying frame for all floor and exterior wall loads. Floor joists will be of concrete and partitions will be of metal with metal lath and hardwall plaster. All stairways will be fireproofed. The facades are to be faced with pressed brick with common brick back walls. All trimming to be of terra cotta.

BASEMENT FLOOR.

This floor has three direct entrances from Frederick street with four stairways leading to first floor. On this floor are located at either end of building the boys' and girls' general locker and toilet rooms, general heating plant, store rooms, lunch rooms, with necessary appurtenances, and large gymnasium.

FIRST FLOOR.

This floor is provided with ample stairways, two elevators and convenient exits and so planned as to accomodate the science department, with the required laboratories, store rooms, dark rooms, work rooms and lecture rooms, etc., the principal and teachers' rooms, general toilet rooms and the main floor of the auditorium. The auditorium is planned to accommodate 1800 people.

SECOND FLOOR.

This floor is reached by three main staircases and two elevators. On this floor there are sixteen class rooms, general toilets and the balcony of the auditorium.

THIRD FLOOR AND ATTIC.

These floors, with the exception of four class rooms, are partitioned off for the Domestic Art and Drawing Department, consisting of all the necessary rooms, store rooms and closets required for this department.

Contracts awarded previous to July 1, 1911, on which construction work was carried or completed during the fiscal year 1911-1912:

SAN FRANCISCO HOSPITAL (22nd and Potrero Ave.)

Contract	Date of Completion	Contractor	Contract Price
Gen. Brickwork ,etc.	Dec. 8, 1911	Caldwell & Co.	$220,500.00
Ext. Window Frames	June 19, 1912	Lange & Bergstrom	21,000.00
Roofing	Jan. 17, 1912	Guilfoy Cornice Co.	6,992.00
Sterilizers	Dec. 8, 1911	Walter Surgical Co.	1,356.00
Plumbing fixtures	Sept. 6, 1911	D. H. Gulick	3,895.00
Spec. Hosp. Fixtures	Sept. 6, 1911	D. H. Gulick	11,778.45
Found. Power Hse.	Oct. 13, 1911	Foster & Vogt	23,897.00
Ex. Sheet Mtl Work	Sept. 21, 1911	Pac. Fire Extg. Co.	7,343.00
Ex. Ornamental Iron	Nov. 3, 1911	Ralston Iron Works	5,494.00
Gen., Power House	Dec. 28, 1911	Lange & Bergstrom	16,579.00
High Pressure Pip'g.	Sept. 21, 1911	The Turner Co.	4,880.00

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HEATING

Ward No. 1	Incompleted	The Turner Co.	2,192.00
Ward No. 2	Incompleted	The Turner Co.	2,192.00
Ward No. 3	Incompleted	The Turner Co.	2,192.00
Ward No. 4	Incompleted	The Turner Co.	2,230.00
Receiving Bldg.	Incompleted	Wittman, Lyman & Co.	4,058.00
Nurses' Home	Incompleted	The Turner Co.	1,328.00
Admin. Bldg.	Incompleted	Wittman, Lyman & Co.	1,790.00
Ser. Building	Incompleted	The Turner Co.	1,830.00
Plastering	Incompleted	Smith & Johnson	57,329.00
Steam Risers, Receiving Bldg.	Incompleted	Wittman, Lyman & Co.	4,230.00
			$405,086.00

HALL OF JUSTICE (Kearny and Washington Streets).

Contract	Date of Completion	Contractor	Contract Price
Heat'g & Ventlatg.	Feb. 26, 1912	Lennig-Rapple Co.	$ 28,692.00
Plumbing	Mar. 6, 1912	Wittman, Lyman & Co.	30,248.00
Elec. Wiring	Mar. 27,1912	Standard El. Con. Co.	6,690.00
Prison cells	Aug. 11, 1911	Dyer Bros.	29,900.00
Plastering	Feb. 26, 1912	A. Knowles	36,650.00
Elevators	Feb. 28, 1912	Otis Elevator Co.	13,945.00
Int. Finish	Feb. 26, 1912	Wm. Bateman	53,900.00
Ad. Gen. Const.	Oct. 16, 1911	McSheehy Bros.	11,992.00
Orn. Iron	Mar. 6, 1912	Rudgear-Merle Co.	19,770.00
Hrdware	Feb. 28, 1912	Bennett Bros.	3,778.00
Int. Marble	Jan. 31, 1912	Columbia Marble Co.	54,830.00
Lighting Fixtures	Feb. 28, 1912	Adams & Hollopeter	14,395.00
			$304,790.00

CITY AND COUNTY JAIL (Washington, bet. Kearny and Montgomery Sts.)

Contract	Date of Completion	Contractor	Contract Price
General	Sept. 22, 1911	Ferrolite Co.	121,000.00
Prison cells	Dec. 8, 1911	Dyer Bros.	44,600.00
Plastering	Dec. 8, 1911	A. Knowles	15,759.00
Heatng & Ventiltg.	Incompleted	Lennig-Rapple Co.	14,430.00
Plumbing	Incompleted	Wittman, Lyman & Co.	35,588.00
Electrical	Incompleted	Gen. El. Con. Co.	3,000.00
			$234,377.00

ENGINE HOUSE NO. 42 (San Bruno Ave., near Silliman Street).

A special type of reinforced concrete basement and two story frame building. Occupied by Fire Department January 2, 1912. Cost approximately $16,000.00.

Contract	Date of Completion	Contractor	Contract Price
General	Oct. 4, 1911	Howkins Bldg. Co.	$ 11,580.00
Plumbing	Oct. 4, 1911	J. G. Sutton & Co.	1,814.00
Electrical	Sept. 13, 1911	Butte Eng. Co.	545.00
Light'g Fixurs	Dec. 13, 1911	Adams & Hollopeter	240.00

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ENGINE HOUSE NO. 43 (Brazil Avenue near Athens).

This building is a similar type of construction to Engine House No. 42. Occupied by Fire Department December 16, 1911. Cost approximately $16,-350.00.

Contract	Date of Completion	Contractor	Contract Price
General	Sept. 19, 1911	O. C. Holt	$ 11,940.00
Plumbing	Oct. 18, 1911	J. E. O'Mara	1,955.00
Electrical	Dec. 8, 1911	National El. Co.	468.00
Lighting Fixtures	Dec. 13, 1911	Adams & Hollopeter	240.00
			$ 14,603.00

TRUCK NO. 14, ENGINE NO. 6 (7th Street, between Folsom and Harrison).

A two-story and basement reinforced concrete class "B" building. Occupied by Fire Department March 12, 1912. Cost approximately $41,000.00

Contract	Date of Completion	Contractor	Contract Price
General	Nov. 24, 1911	Lange & Bergstrom	$ 34,811.00
Plumbing	Nov. 24, 1911	Kiernan & O'Brien	2,420.00
Electrical	Dec. 8, 1911	National El. Co.	910.00
Hardware	Feb. 14, 1912	Palace Hardware Co.	223.25
Lighting Fixtures	Jan. 12, 1912	Adams & Hollopeter	465.00
			$ 38,829.25

RICHMOND POLICE STATION (6th Avenue, near California Street).

Two class "C" brick structures comprising station and stable building. Occupied by Police Department December 25, 1911. Cost approximately $43,000.00..

Contract	Date of Completion	Contractor	Contract Price
General	Dec. 8, 1911	Robert Trost	32,397.00
Electrical	Nov. 24, 1911	National El. Co.	644.00
Plumbing	Dec. 22, 1911	Wm. S. Snook & Son	2,675.00
Hardware	Dec. 8, 1911	Bennett Bros.	271.00
Lighting Fixtures	May 1, 1912	Shermund & Krauss	309.25

BAY VIEW POLICE STATION (14th Avenue South, near Railroad Ave.)

Two Class "C" structures comprising station and stable building. Occupied by the Police Department. Cost approximately $22,000.00.

Contract	Date of Completion	Contractor	Contract Price
General	May 8, 1912	Walter Hough Company	$ 15,594.00
Plumbing	Feb. 28, 1912	John G. Sutton Co.	2,022.00
Electrical	Mar. 20, 1912	National Elec. Co.	499.00
Lighting Fixtures	May 13, 1912	Shermund & Krauss	266.25

ADAMS GRAMMAR SCHOOL (Eddy St., between Van Ness and Polk).

Two-story and basement, 16-room Class "C" building. Cost approximately $90,000.00. Occupied by Board of Education August 4, 1911.

Contract	Date of Completion	Contractor	Contract Price
General	Aug. 11, 1911	Lange & Bergstrom	$ 54,822.00
Heating & Ventil'g	Sept. 15, 1911	Wittman, Lyman & Co.	7,380.00
Plumbing	Sept. 1, 1911	J. P. Doherty	3,375.00
Electrical	Sept. 13, 1911	Butte Eng. Co.	1,222.00
Vacuum Cleaning		Mech. Dust Suct. Co.	973.75

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GRATTAN SCHOOL (Grattan, between Alma and Shrader).

Two-story, 17-room frame building. Cost approximately $65,000.00. Occupied by Board of Education November 27, 1911.

Contract.	Date of Completion	Contractor	Contract Price
General	Oct. 19, 1911	F. H. Born	$ 39,200.00
Heating & Ventil'g	Nov. 24, 1911	Pac. Fire Extinguisher Co.	7,324.00
Plumbing	Feb. 7, 1912	John G. Sutton Co.	2,769.00
Plastering	Aug. 16, 1911	A. Knowles	4,850.00
Electrical	Oct. 27, 1911	Standard El. Co.	1,992.00
Hardware	Nov. 8, 1911	Bennett Bros.	1,028.00

PEABODY SCHOOL (6th Avenue and Clement Street).

Two-story and basement, 14-room special construction building. Cost approximately $82,000.00. Occupied by the Board of Education October 9, 1911.

Contract.	Date of Completion	Contractor	Contract Price
General	Sept. 13, 1911	McSheehy Bros.	$ 51,480.00
Heating & Ventil'g	Aug. 2, 1911	John G. Sutton Co.	8,630.00
Plumbing	Oct. 16, 1911	Wm. S. Snook & Son	3,790.00
Electrical	May 15, 1912	Central El. Co.	1,495.00
Vacuum Cleaning	Mar. 20, 1912	Mech. Dust Suction Co.	985.00
Hardware	June 12, 1911	Bennett Bros.	887.00

SPRING VALLEY SCHOOL (Washington, between Hyde and Larkin.)

Two-story and basement, 18-room Class "A" building. Cost approximately $112,000.00. Occupied by the Board of Education January 15, 1912.

Contract.	Date of Completion	Contractor	Contract Price
General	Dec. 11, 1911	Caldwell & Co.	$ 64,390.00
Heating & Ventil'g	Jan. 22, 1912	F. P. Walsh	9,793.00
Plumbing	Jan. 12, 1912	Wm. S. Snook & Son	3,730.00
Plastering	Oct. 11, 1911	M. Kiernan	6,400.00
Electrical	May 1, 1912	W. S. Hanbridge	1,440.00
Vacuum Cleaning	June 26, 1912	Am. Air Cleaning Co.	849.00
Hardware	Nov. 24, 1911	Joost Bros.	870.00

JEAN PARKER SCHOOL (Broadway Street, near Mason).

Two-story and basement, 18-room Class "A" building. Cost approximately $170,000.00. Occupied by the Board of Education October 9, 1911.

Contract.	Date of Completion	Contractor	Contract Price
General	July 28, 1911	Finlayson-Stettin Co.	$ 97,989.00
Heating & Ventil'g	Aug. 28, 1911	John G. Sutton Co.	12,972.00
Plumbing	July 14, 1911	Kiernan & O'Brien	6,295.00
Plastering	July 21, 1911	Knowles & Kaiser	8,920.00
Electrical	Sept. 6, 1911	Nunemacher El. Co.	1,780.00
Vacuum Cleaning	June 26, 1912	Am. Air Cleaning Co.	900.00
Wood Floors	July 21, 1911	Finlayson-Stettin Co.	4,584.00
Telephone & Gongs	Aug. 2, 1911	National El. Co.	420.00

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VISITACION VALLEY SCHOOL (Visitacion Ave., between Leland & Schwerin.)

Two-story, 12-room frame building. Approximate cost $45,000.00. Occupied by Board of Education October 9, 1911.

Contract.	Date of Completion	Contractor	Contract Price
General	July 7, 1911	McLeran & Peterson	$ 26,700.00
Heating & Ventil'g	Sept. 15, 1911	Wittman, Lyman & Co.	5,845.00
Plumbing	Nov. 10, 1911	John G. Sutton Co.	3,217.00
Electrical	Aug. 16, 1911	John G. Sutton Co.	1,352.00
Vacuum Cleaning	May 1, 1912	Palm Vac. Cleaning Co.	891.00
Hardware	July 28, 1911	Bennett Bros.	667.00

FRANKLIN GRAMMAR SCHOOL (8th, between Bryant & Harrison Sts.)

Two-story and basement, 14-room special construction building. Approximate cost $72,500.00. Occupied by the Board of Education November 7, 1911.

Contract.	Date of Completion	Contractor	Contract Price
General	Sept. 25, 1911	G. D. Patterson Co.	$ 34,500.00
Heating & Ventil'g	Sept. 22, 1911	Atlas Heat'g & Vent. Co.	9,630.00
Plumbing	Jan. 12, 1912	Wm. S. Snook & Sons	3,366.00
Plastering	Dec. 14, 1911	A. Knowles	12,582.00
Electrical	May 1, 1912	Central El. Co.	1,525.00
Vacuum Cleaning	Mar. 20, 1912	Mech. Dust Suction Co.	957.00
Hardware	Feb. 14, 1912	Bennett Bros.	939.00

POLYTECHNIC HIGH SCHOOL (Shop Building) Frederick, Carl and Willard Streets and First Avenue.

One-story and basement, 13-room Class "A" building. Approximate cost $116,000.00.

Contract.	Date of Completion	Contractor	Contract Price
General	May 13, 1912	McLeran & Peterson	$ 94,961.00
Heating & Ventil'g	May 27, 1912	John G. Sutton Co.	2,770.00
Plumbing	June 12, 1912	Wm. S. Snook & Son	7,270.00
Electrical	May 1, 1912	Butte Eng. & El. Co.	5,292.00
Blast System	Incomplete	Atlas Heat'g & Vent. Co.	1,589.00

JOHN SWETT GRAMMAR SCHOOL (McAllister, between Gough & Franklin.)

Two-story and basement, 17-room Class "C" building. Approximate cost $101,000.00. Occupied by Board of Education on June 3, 1912.

Contract.	Date of Completion	Contractor	Contract Price
General	June 5, 1912	O. C. Holt	$ 60,685.00
Steel	Nov. 13, 1911	Brode Iron Works	15,600.00
Plumbing	Incomplete	Wm. S. Snook & Sons	6,058.00
Electrical	Incomplete	National El. Co.	2,300.00
Heating & Ventil'g	June 26, 1912	Abrahamson & deGear	8,589.00
Vacuum Cleaning	Incomplete	Pac. States Sales Corp.	870.00

LOWELL HIGH SCHOOL (Hayes, Fell, Ashbury and Masonic Avenue).

Three-story and basement, 60-room Class "C" building. Approximate cost $340,000.00. Will be completed about November 1, 1912.

Contract	Date of Completion	Contractor	Contract Price
General	Incomplete	E. Carlson	$148,500.00
Steel	Oct. 4, 1911	Pac. Rolling Mill Co.	53,600.00
Brickwork	Feb. 7, 1912	Brandon & Lawson	28,570.00
Heating & Ventil'g	Incomplete	C. E. Thomas Co.	29,850.00
Plumbing	Incomplete	V. J. Belknap	13,890.00
Vacuum Cleaning	Incomplete	Pac. States Sales Corp.	985.00
Electrical	Incomplete	General El. Const. Co.	4,275.00
Painting	Incomplete	Wm. Le Baron	5,395.00

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CLEMENT SCHOOL (YARD WORK) (30th and Day Streets).

Contract.	Date of Completion	Contractor	Contract Price
Yard Work	Oct. 13, 1911	Henning & Burke	$ 24,840.00

WORK IN OFFICE FOR WHICH DRAWINGS ARE BEING PREPARED.

SAN FRANCISCO HOSPITAL—

General drawings and specifications are being prepared for floors, interior finish and other items necessary to complete the buildings.

POLYTECHNIC HIGH SCHOOL—

Drawings and specifications being prepared for plumbing, heating and electrical work. Alternate plans being prepared for the general construction providing concrete floors and column fireproofing.

NORTH END POLICE STATION (Greenwich, near Scott Street).

Appropriation—$35,000.00.

Revised plans and specifications for this building are about 50% completed. Expect to have same completed and ready for advertising within two months.

CHEMICAL ENGINE HOUSE NO. 12 (19th Avenue, near Quintara.)

Appropriation—$8,500.00.

Working drawings and specifications well under way. Expect that same will be entirely completed by August 1.

LE CONTE SCHOOL (Norwich and Alabama.)

Appropriation—$52,500.00.

Sketch plans being prepared for a 12-classroom frame building.

DANIEL WEBSTER SCHOOL (19th and Arkansas Streets.)

Sketch plans being prepared for a 16-classroom frame building.

STARR KING SCHOOL (25th and Utah Streets.)

Appropriation—$52,500.00.

Sketch plans for a 12-classroom frame building have been approved by the Board of Education. Expect to have plans and specifications entirely completed and ready for advertising by October 15.

PATRICK HENRY SCHOOL (Vermont, near 18th Street.)

Appropriation—$60,000.00.

Plans and specifications for this 12-classroom frame building are about 95% completed. Expect to receive bids for the construction work not later than August 1.

ENGINE HOUSE NO. 46 (12th Avenue, near Geary Street.)

Appropriation—$37,000.00.

Plans and specifications for this building entirely completed and bids have been received. Actual construction work will begin within two weeks.

CIVIC CENTER AND CITY HALL.

In February, the studies for the Civic Center were begun with the so-called old site as a nucleus, within the area bounded by Van Ness Avenue, McAllister street, Market and Grove streets. At the same time a program for the competition for the selection of an architect for the new City Hall was prepared. On April 6, this program was issued and 73 competitors submitted drawings on June 15, 1912. The winners of the first prize, Bakewell & Brown, entered into a contract with the Board of Public Works, as architects for the new City Hall, and immediately began work upon that project. In addition to the first prize, twenty other prizes were awarded.

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For the Civic Center plan two schemes were developed. The one with the new City Hall facing on Van Ness Avenue was officially adopted by the Board of Supervisors. This scheme comprises an area of about nine blocks of land, the greater part of which is being acquired under condemnation proceedings. Beside the City Hall, the key building for this plan, there are five sites for monumental buildings: The municipal auditorium, municipal opera house, public library, a State building, and another building not as yet assigned. In addition there will be available four smaller sites which will probably be allotted to the Board of Health, police station, engine house, etc.

In the realization of this Civic Center, San Francisco will have a great grouping of municipal buildings without equal in any other city of the United States.

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Assessor's Report

San Francisco, July 25th, 1912.

Hon. James Rolph,

Mayor of San Francisco.

Dear Sir:—In conformity with the provision of Sec. 9 of Art. XVI of the Charter, I beg to submit my annual report for the fiscal year ending June 30th, 1912.

The increased expenses of the city as shown in the budget, amounting to about $1,000,000 more than last year's, would have necessitated an increase in the tax rate for City and County purposes from $2.00 the rate of last year, to $2.23 for this year, if the assessment roll had remained the same.

By a thorough equalization of the assessment of property, made to keep pace with the advancing prices of real estate, and as a result of the large number of new buildings erected during the last year, the assessment roll for this year for City and County purposes, has been increased to a total of $511,194,525, or an increase of $49,344,500 over last year's roll. This total roll largely exceeds the estimate of $500,000,000 used by the finance committee in making up the budget, and as a result there will be about $229,487 collected in excess of the budget figures.

At the time provided in the Charter for making up the budget and fixing the tax rate, it is impossible to give a close estimate of the Assessment Roll, and it is advisable to amend the Charter so the total of the roll may be definitely known, before the rate is fixed by the Board of Supervisors. The provisions of the one-twelfth act could be adjusted for the month of July, by limiting the expenses of that month to the amount expended during the same month of the previous year.

The total roll on which the tax for the Panama-Pacific International Exposition State Bond tax is levied, which includes operative property of quasi-public corporations and other corporations taxed exclusively for State purposes, is $605,488,153. In 1910, the last year the City and County was assessed for State purposes, the total roll was $515,028,064. This is equivalent to a withdrawal from the assessment roll for City and County purposes of $90,460,089. At the city rate of $2.05 this would indicate a loss of $1,854,431 of city revenue. If the State tax rate for 1910 of $0.353 for State purposes, is computed on the total roll of this year ($605,488,153) it gives $2,137,378 which the taxpayers of this city would have to pay under the old revenue system. This would indicate that the real gain this year to the taxpayers through the segregation of State taxes from City and County taxes is $282,942.

In conclusion, I would state that this office has collected $760,469.50 taxes on unsecured personal property and $104,532 for poll taxes.

Under Section 1¼ of Art. XIII of the Constitution exempting veterans who had served in war from taxation on $1,000 worth of property, 509 exemptions were granted amounting to $353,041.

Respectfully submitted,

WASHINGTON DODGE, Assessor.

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Report of Justices' Court

San Francisco, Cal., July 23rd, 1912.

To the Hon. James Rolph Jr., Mayor,
and to the Honorable, the Board of Supervisors of the
City and County of San Francisco, Cal.

Gentlemen:—Pursuant to the provisions of Section 9 of Article XVI of the Charter of the City and County of San Francisco, I herewith submit the following figures showing the receipts and disbursements of the Justices Courts and Clerks office for the fiscal year ending June 30, 1912.

RECEIPTS.

Fees received for filing complaints, entering up judgments, etc., and paid into the City and County Treasury as follows to-wit:

For the month of July, 1911	$ 1,688.00
For the month of August, 1911	2,026.00
For the month of September, 1911	2,056.25
For the month of October, 1911	2,193.75
For the month of November, 1911	1,995.25
For the month of December, 1911	2,003.75
For the month of January, 1912	2,325.00
For the month of February, 1912	2,086.75
For the month of March, 1912	2,021.75
For the month of April, 1912	2,224.00
For the month of May, 1912	2,206.50
For the month of June, 1912	2,071.25
	$24,898.25

DISBURSEMENTS.

Salaries of Justices of the Peace (five at $3,600.00 each)	$18,000.00
Salaries of Clerk and five assistants	10,650.00
Total	$28,650.00

Respectfully submitted,

ROBERT W. DENNIS,

Justices' Clerk of the City and County of
San Francisco, State of California.

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Report of Playground Commission

San Francisco, August 12, 1912.

To the Honorable Board of Supervisors, City and County.

Gentlemen:—Pursuant to Section 9, Article XVI, of the Charter of the City and County of San Francisco, the Playground Commission herewith presents the report for the fiscal year 1911-1912.

Very truly yours,

JOSEPH R. HICKEY, Secretary.

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The first Playground Commission created with the inception of the department in January 1908, entered its fourth and concluding year with an appropriation of $75,000.00 for 1911-1912, which was later increased by an addition of $2,500.00 making a total for the fiscal term of $77,500.00.

EXCELSIOR HOMESTEAD PURCHASE.

Satisfying the petitions from residents in the Excelsior Homestead District, $21,000.00 was expended in the purchase of a site 300x250 feet for a municipal playground in the far Mission. Development of the Excelsior Homestead playground was delayed however until 1912-1913 when additional funds would be available.

HAMILTON SQUARE.

The demand for a playground in the neighborhood of Hamilton Square resulted in the transfer of the western half of the park from the jurisdiction of the Park Commission to the Playground Commission. This play area has filled a long desired want in the district adjacent to Fillmore Street. An appeal from the Board of Education for space on which to locate the temporary Girls' High School has impeded the entire development of this playground property. With the removal of the school building within the next few months the playground Commission anticipates the completion of the original plans adopted for Hamilton Square.

JACKSON PARK PLAYGROUND.

Jackson Park playground located at Seventeenth, Arkansas, Carolina and Mariposa Streets occupied the concentrated efforts of the Playground Commission during 1911-1912. Lack of sufficient funds prevented the completion of this site which is arranged to represent the best equipped play space in the City and County. Additional funds in 1912-1913 will permit the operation of Jackson Park by September 1, 1912.

PUBLIC BATH AT NORTH BEACH.

Increased operating expenses and the demand for playgrounds in other parts of the city resulted in another delay of the proposed Bathhouse at North Beach playground. The inadvisibility of a frame building for bath purposes resulted in a high estimate for a concrete structure. Revised plans have now been offered as a means of finishing this feature of the North Beach Playground during 1912-1913.

JUNIOR DEPARTMENT.

The possibilities within the scope of the Playground Commission have been well exploited during the initial term of its existence. It is the junior department of municipal regulations, and while it is really enjoying its infancy it is destined to be one of great importance to the people and the general welfare of the community.

SUPERVISION.

The demand for increased play facilities for children has reached great proportions in the knowledge of organized games and the general effect of supervised play. An essential factor in connection with the playgrounds provided in the administration of public recreation, is the necessity of leadership at all times by trained directors. Without it the playground will fail ot compete with the excitement of the streets nor realize its possibilities as a factor in civic and moral training. The success of the playground leaders indicated by the large number of children drawn to them, is striking and conclusive, that it is the personality of the play leaders which demonstrates success as much as ex-

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pensive apparatus. A playground without a director is a source of continued expenditures, disorder and general objectionable features.

OBJECTS OF THE PLAYGROUND.

Three factors are pronounced in the success of a playground which are essential in justification of the system, as follows:

First to keep the children off the street.

Second to give them wholesome play without compulsion and,

Third to develop a law abiding spirit to offset the widespread gang movement which cannot be adjusted by police methods.

These objects can only be obtained when within the ability of the directors who understand children and their activities and who enter into them with a sympathetic spirit.

ATTENDANCE.

The following tables show the attendance on the playgrounds operated by this department during 1911-1912.

NORTH BEACH.

	Boys	Girls	Total	Average
1911—July	15,500	10,345	25,845	862
August	7,940	6,077	14,017	467
September	7,760	6,030	13,790	460
October	8,605	6,380	14,985	499
November	7,160	5,565	12,725	424
December	7,180	4,850	12,030	401
1912—January	4,505	5,580	10,085	336
February	6,810	5,325	12,135	405
March	6,150	4,670	10,820	361
April	7,095	4,970	12,065	402
May	8,075	5,345	13,420	447
June	6,015	4,520	10,535	351

HAMILTON SQUARE.

	Boys	Girls	Total	Average
1911—September	4,240	1,445	5,685	190
October	3,190	1,820	5,010	134
November	4,740	2,720	7,460	249
December	4,945	2,545	7,490	250
1912—January	5,440	2,925	8,365	279
February	6,020	3,740	9,760	325
March	6,330	3,940	10,270	342
April	7,080	4,040	11,120	271
May	8,615	5,885	14,500	450
June	6,950	4,593	11,543	385

PRESIDIO PLAYGROUND.

	Boys	Girls	Total	Average
1911—July	1,687	1,542	3,229	107
August	2,125	727	2,852	59
September	848	544	1,392	46
October	1,899	1,652	3,551	115
November	1,470	1,188	2,658	89
December	1,538	1,119	2,657	88

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1912—January	886	614	1,500	50
February	1,500	1,427	2,927	97
March	1,220	872	2,092	69
April	1,427	984	2,411	80
May	1,577	1,048	2,625	87
June	1,452	863	2,315	77

SOUTHSIDE PLAYGROUND.

	Boys	Girls	Total	Average
1911—July	3,645	2,222	5,867	196
August	3,690	2,295	5,985	199
September	3,720	2,215	5,935	197
October	3,970	2,690	6,660	222
November	4,815	2,535	7,350	245
December	2,900	1,730	4,630	154
1912—January	2,485	1,430	3,915	131
February	3,055	1,660	4,715	157
March	3,079	1,745	4,824	161
April	3,875	2,015	5,890	196
May	5,470	2,050	7,520	251
June	3,680	1,755	5,435	148

PETITIONS FOR PLAYGROUNDS.

This Commission has received petitions from twenty-five different sections of the city during the past year requesting that playgrounds as provided for North Beach and Southside, in the bond issue of 1903 be duplicated as the conditions of the City demand.

In view of the many districts unprovided with playground areas and the limited appropriation annually made by the Supervisors it is not within the possibilities of the Playground Commission to purchase the necessary property.

EXPENDITURES.

The following is a list of expenditures made by the Playground Commission during 1911-1912.

ADMINISTRATION AND GENERAL EXPENSES.

Construction and Materials	$ 109.35	
Labor	12.00	
Operating Supplies	561.62	
Play Supplies	8.53	
Salaries	4,807.50	
Stationery	27.95	$ 5,526.95

EXCELSIOR HOMESTEAD PLAYGROUND SITE.

Purchase Price	$21,000.00	
Negotiating Lease	35.00	$21,035.00

HAMILTON SQUARE PLAYGROUND.

Construction and Material	$ 1,051.12	
Labor	550.25	
Operating Supplies	400.21	
Play Supplies	176.04	
Salaries	2,117.50	$ 4,295.12

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SOUTHSIDE PLAYGROUND.

Construction and Materials	$ 1,337.20	
Furnishings	15.70	
Labor	512.75	
Operating Supplies	826.70	
Play Supplies	275.22	
Salaries	3,740.00	$ 6,707.57

JACKSON PLAYGROUND.

Construction and Materials	$22,067.40	
Labor	5,229.64	
Operating Supplies	80.45	
Salaries	1,967.50	$29,344.99

PRESIDIO HEIGHTS PLAYGROUND.

Construction and Materials	$ 690.00	
Furnishings	22.22	
Labor	179.50	
Operating Supplies	94.45	
Play Supplies	100.03	
Salaries	1,603.50	$ 2,689.70

NORTH BEACH PLAYGROUND.

Construction and Materials	$ 2,169.44	
Furnishings	9.57	
Labor	775.50	
Operating Supplies	710.28	
Play Supplies	301.59	
Salaries	3,930.00	$ 7,896.38

APPROPRIATION AND EXPENDITURES 1911-1912.

Expenditures—		
Construction and Material	$27,424.51	
Furnishings	47.49	
Labor	7,259.64	
Operating Supplies	2,673.71	
Play Supplies	861.41	
Salaries	18,166.00	
Stationery	27.95	
Excelsior Homestead Purchase	21,035.00	$77,495.71
Administration and General	$ 5,526.95	
Excelsior Homestead Purchase	21,035.00	
Hamilton Playground	4,295.12	
Southside Playground	6,707.57	
Jackson Park	29,344.99	
Presidio Playground	2,689.70	
North Beach Playground	7,896.38	$77,495.71

Appropriation, 1911-1912	$77,500.00	
Expenditures	77,495.71	
Balance	$ 4.29	

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Exempt Firemen

ANNUAL REPORT OF THE BOARD OF TRUSTEES OF THE EXEMPT FIREMEN. APPROPRIATION COMMENCING JULY, 1911 AND ENDING JUNE 30, 1912.

Name.	Total Amt.	Name.	Total Amt.
George Anderson	$ 70.00	Leo Morse	$ 126.00
Geo. Blasdell	124.00	J. Meyers	112.00
Geo. Bunner	146.00	J. McCarthy	116.00
R. D. Blauvelt	116.00	Sam Newman	173.00
J. Baker	90.00	Jas. O'Donnell	232.00
S. S. Cohn	165.00	Chas. O'Niel	119.00
J. J. Conlon	116.00	Jos. Pierson	108.00
John Carroll	125.00	Wm. T. Ryckerman	176.00
Jas. Clark	116.00	D. M. Sullivan	123.00
R. Caverly	173.00	Ed. Staffelbach	173.00
John Duane	20.00	Wm. Shear	117.00
Mark Ettling	122.00	B. N. Schonhoff	173.00
Jacob Gans	112.00	E. Van Straaten	114.00
Sol Gans	112.00	E. Valencia	167.00
J. J. Guilfoyle	230.00	D. T. Van Orden	120.00
H. D. Hudson	173.00	Henry Wood	112.00
A. J. Jessup	173.00	John Weaver	112.00
H. Koster	114.00	James Wigmore	20.00
L. Korniker	50.00	Robert Turner	46.00
E. Levy	94.00	Sundries	8.00
Wm. Mount	112.00		
			$5,000.00

Deaths for the year ending June 30, 1912—

Edward Levy
Louis Kornicke
James Wigmore
John Duane
George Anderson
John Baker
Jas. O'Donnell

BOARD OF TRUSTEES—

H. D. HUDSON,
D. A. FINN,
J. J. MUNDWYER,
JAMES GRADY,
J. J. GUILFOYLE, Secretary.

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Deceased Soldiers and Sailors

San Francisco, Cal., July 1, 1912.

Hon. James Rolph, Jr., Mayor City and County of San Francisco.

Sir:—I have the honor to report the following Applications, Allowances, and Rejections for the year ending June 30, 1912, made in accordance with the provisions of the Act of the Legislature of the State of California, entitled "An Act to provide for the burial of honorably discharged ex-Union soldiers, sailors, and marines who may hereafter die in this State without leaving sufficient means to defray funeral expenses;" approved March 15, 1889; amended March 13, 1901, to include ex-U. S. soldiers, sailors, and marines, and amended March 24, 1911, to include the widows of such who die in indigent circumstances.

Total number of Applications for burial		57
Total number of Applications allowed	45	
Total number of Applications rejected	12	

REASONS FOR REJECTION.

Left sufficient means to defray funeral expenses	5	
Insufficient record of military or naval service	2	
Died outside City and County of San Francisco	5	12

Very respectfully,

EDWARD A. BULLIS,

Superintendent of Interment of ex-U. S. soldiers, sailors, and marines, for the City and County of San Francisco.

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APPENDIX

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Municipal Statistics

San Francisco is a consolidated city and county, governed by a freeholder's charter adopted May 26, 1898 and approved by the legislature January 26, 1899. It was amended by amendments approved February 5, 1903, November 22 and 23, 1907 and February 17, 1911.

San Francisco has a population of 416,912 according to the census of 1910; the present population is estimated at 460,000.

The area is 46½ square miles.

There are 32 parks and squares of 1,398.6 acres; Golden Gate park contains 1,013 acres.

Market Street is 120 feet wide.

The assessed value of property is $604,810,464.

The total rate of taxes, State and municipal is $2.094 on each $100.

Bonded debt, September 1, 1912, $26,995,300.

The recent municipal improvements comprise:

A high pressure water system consisting of over 50 miles of extra heavy pipe, 60 cisterns each with a capacity of 75,000 gallons, two fire boats, a reservoir at an elevation of 755 feet with a capacity of 10,000,000 gallons, two smaller reservoirs at a lower elevation and a salt water pumping station. The cost was in excess of $5,500,000.

Additions to the sewer system costing $5,000,000.

Thirty new school buildings, costing over $5,000,000.

A hospital (nearly completed) costing over $2,000,000.

A Hall of Justice, costing over $1,000,000.

Two garbage incinerators (under construction) costing nearly $1,000,000.

A municipal street railway (nearly completed) which will cost nearly $2,000,000.

A bond issue of $8,800,000 has been authorized for the construction of a new City Hall and the establishment of a Civic Center. The Civic Center will contain in addition to the City Hall, an auditorium, an opera house, a public library and a State building.

A bond issue of $45,000,000 has been authorized for a municipal water system.

The city owns its own asphalt paving plant.

Building contracts 1911 were $24,495,168.

Imports 1911; $56,075,324; exports $43,427,033.

Custom House receipts $6,811,020.

Real Estate sales, 1911; $35,268,661.

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Board of Supervisors

The following constituted the Board of Supervisors on July 1, 1912.

HON. JAMES ROLPH, JR.

Mayor and Ex-officio President

MEMBERS.

Four Year Term.

Paul Bancroft .....731 Market Street
Geo. E. Gallagher .....148 Kearny Street
J. Emmet Hayden .....34 Market Street
Oscar Hocks .....558 Guerrero Street
Thomas Jennings .....440 Bryant Street
William H. McCarthy .....156 Second Street
Charles A. Murdock .....68 Fremont Street
Henry Payot .....968 Ellis Street
Alexander T. Vogelsang .....20 Montgomery Street

Two Year Term.

Guido E. Caglieri .....205 Columbus Avenue
Andrew J. Gallagher .....418 Oak Street
*A. H. Giannini .....Bank of Italy
Fred L. Hilmer .....129 Davis Street
Adolf Koshland .....244 California Street
Byron Mauzy .....250 Stockton Street
Ralph McLeran .....1554 McAllister Street
Daniel C. Murphy .....712 Mutual Bank Building
Edward L. Nolan .....3719a Seventeenth Street

*A. H. Giannini was appointed January 8, 1912, to fill the term of J. B. Bocarde who was elected at the regular preceeding municipal election, but died before the commencement of his term of office.

John S. Dunnigan .....Clerk.
John W. Rogers.....Chief Assistant.

STANDING COMMITTEES.

Electricity—McLeran, Giannini, McCarthy.
Expositions—McCarthy, Bancroft, Hayden, Jennings, Vogelsang.
Finance—Jennings, McCarthy, Murphy.
Fire—Giannini, Mauzy, McLeran.
Judiciary—Murphy, McLeran, Vogelsang.
Lands and Tunnels—Mauzy, Bancroft, Andrew J. Gallagher.
Lighting and Rates—Nolan, Koshland, Payot.
Police—Hocks, Caglieri, Hilmer.
Public Buildings—Bancroft, George E. Gallagher, McLeran.
Public Efficiency and Civil Service—Murdock, Giannini, Andrew J. Gallagher, Murphy, Payot.
Public Health—Caglieri, Koshland, Payot.
Public Utilities—Vogelsang, Bancroft, George E. Gallagher, Mauzy, Murphy.
Public Welfare—Payot, Hayden, Murdock, Giannini, Andrew J. Gallagher.
Publicity and Interurban Relations—Hayden, Hocks, Nolan.
Streets and Sewers—George E. Gallagher, Giannini, Nolan.
Supplies—Koshland, Hilmer, Murdock.
Telephones and Rates—Hilmer, Hayden, Hocks.
Water Service and Rates—Andrew J. Gallagher, Caglieri, Mauzy.

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MAYOR'S INAUGURAL ADDRESS.

Upon his taking office on January 8, 1912. Mayor James Rolph, Jr., delivered the following address to the Board of Supervisors:

San Francisco, January 8, 1912.

To the Members of the Board of Supervisors:

We now assume the duties and responsibilities for which we were chosen by the people.

Since election we have informally assembled for deliberation and preparation.

We are now ready for action.

Our official terms have no space for wasted time, if we are to achieve the things required by the City and expected by the people.

This administration must hold public confidence by common honesty, common sense and results.

In the great forward movement it has one friend only to consider—the City of San Francisco.

The Nation has selected our city as the place for the celebration of the opening of the Panama Canal.

In choosing this as the appropriate place, the Federal Government has thereby signified to the peoples of the world that our City is most directly benefited by this, the mightiest geographical change ever effected by man: that, as far as American Pacific interests are concerned, San Francisco is practically the commercial terminus of the canal.

The world will come and we must be ready. The Exposition must be not merely a conventional success; of it the City must necessarily be the largest part.

The Exposition has united our people, and the spirit of municipal unity is capable of marvels. The people expect us to make San Francisco greater, better and more beautiful.

That we may achieve our hopes we must proceed systematically from one essential to another. Some sacrifice may be necessary in details to produce concentration on the really great requirements.

The three important measures appealing to immediate attention are:

A new City Hall.

A public water system, and

Improved street car transportation.

A NEW CITY HALL.

Visitors receive their impressions of a city largely from its public buildings. These are accepted by mankind as architectural symbols which represent the character of the people and their physical activities and artistic ideals.

It is all important, for the convenient administration of public business, and for the impression which we shall make upon the world, that, prior to the opening of the Exposition, there shall be completed a City Hall that shall extend every convenience to the citizen, and, at the same time, be the City's chief architectural adornment. Our first duty is to choose a definite and immediately available site, and to select desirable plans for the building. Thereafter should be submitted to the voters, without delay, a bond issue covering the requirements. The subject of a site has been under discussion for more than six years. It has been made obvious that to secure a new location in the heart of the City by purchase or condemnation would consume years.

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San Francisco cannot afford nor need it suffer such loss of time. The architectural commission, considering the Civic Center, will report within a few days. Although my personal views may yield to any report that covers the requirements of the occasion as to rapid action, central location and attractive situation, I believe the time opportune to express my present conviction, appreciating at the same time that this matter must be determined by the legislativ branch of our municipal government.

The site of the old City Hall is close to every other point that has been suggested. The City owns the land. Its position is central, accessible and otherwise convenient.

The acceptance of this site commends itself to every practical consideration, and only by building there can we be ready within the limited time. If the growth of the City, or its artistic development, shall demand greater expense, let the additional land be acquired when needed; but wisdom demands beginning with the City's present property.

The Exposition officials have declared that, if the City will provide a site, they will erect thereon a great public auditorium, which shall become the property of the municipality without further expense.

This offer should be accepted.

Land adjacent to the City Hall, suitable for initiating plans for a Civic Center, should be acquired by purchase or condemnation.

In the construction of such a building the City Architect and the Exposition Architectural Commission should co-operate, so that its architectural features and those of the City Hall shall harmonize.

A PUBLIC WATER SUPPLY.

Our City is, to its standing reproach, one of the few large municipalities not owning and operating its own water service.

Public health, one of the greatest concerns of municipal government, directly rests upon a supply of pure and abundant water.

A city cannot provide its inhabitants with healthful conditions without all the water supply and service being under its exclusive control.

To the extent that a municipality is dependent in this essential it is incapable of performing its chief duty.

This condition should be immediately remedied.

Ultimately our water must come from the Lake Eleanor and Hetch Hetchy supply in the Sierras. Nothing that can hasten the bringing of this Sierra water to our inhabitants must be left undone. But, pending their arrival, and preparatory thereto, the entire properties of the Spring Valley system should be acquired.

Negotiations should at once be opened with the owners of Spring Valley.

It is to be hoped that the owners of the Spring Valley properties, being largely interested otherwise in San Francisco, and sharing the feelings of other citizens, and imbued with the progressive spirit of San Francisco, will meet us on reasonable terms, and that the City may purchase these properties for a compensation that will be fair to the people.

STREET CAR TRANSPORTATION.

The inadequacy of our street car system is one of the evils which needs a speedy remedy.

A very considerable portion of San Francisco is not within the reach of the present car service. The eventual remedy for such conditions is municipal ownership of public utilities. But this remedy is not yet available in all instances—existing franchises holding for many years.

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The Geary Street Railroad must be completed, expanded and extended as expeditiously as the City's finances will permit. Our law officers should press the suit to extend the Sutter Street line to the Ferry to as early a conclusion as may be possible, and, if the suit is decided in favor of the City, the Geary Street Road should be promptly extended to the Ferry.

The construction and operation of railways by private capital, subject to the right of acquisition by the City on payment of cost and a reasonable bonus, under the Charter provision recently adopted, should be encouraged.

By this method private funds would be used to create railway properties which, at the will of the people, would become public properties.

To make this Charter provision of practical use, it becomes necessary to repeal another Charter clause providing that " . . . no street railway franchise shall extend beyond twenty-five years."

Such an automatic ending of a franchise is unnecessary in case the City has the power to acquire a street railway whenever it is ready to own and operate it. The building of the railway by private enterprise, coupled with the power of the City to own and control it when it is ready, offers a partial solution of the street railway problem.

Indeterminate franchises are permissible under our state constitution. It may be reasonably expected that private capital, under a system of indeterminate franchises, will be induced to extend the existing railroads as the public needs require. But, should we be disappointed in this expectation, nothing remains but the building of an adequate system before the opening of the Exposition by the City itself.

To meet probable conditions of the future, the article in the Charter providing that bond issues shall not exceed fifteen per cent of the assessed valuation of the taxable property should be amended.

There is no sound reason why bond issues for the purchase of utilities that will be at least self-sustaining and, in most instances, profitable, should be included within the fifteen per cent limit.

To assure the most successful solution of this and other great problems, we must secure the best talent in scientific and artistic lines wherever it may be found. The principle of encouragement of home industry should have no application to the employment of expert talent by the City.

The best talent, wherever found, is not too good for San Francisco.

We must open our doors to it instead of closing them. Hence the Charter provision, requiring one year's previous residence as a qualification for City employment should be amended so as to exclude experts and scientific men from its scope.

That we may move with full information it is prudent to learn what means the City has placed in our hands when we take up our work.

We must familiarize ourselves with present financial resources. The facts should be ascertained and made known to the people as soon as known to ourselves.

The books of the City should be audited under the direction of the finance committee and the results published without delay.

From these remarks, gentlemen, I would not have the public suppose that the three great problems first presented are the only matters of pressing importance.

They are not.

Others, vital to the City's welfare, must engage our attention.

The reconstruction and cleaning of our streets, improving our park system, increase of playgrounds, the creation of an esplanade along our beach, improved and extended sewer system, the completion of the salt water auxiliary fire system and all other unfinished work; definite action for the building of tunnels, the addition of San Mateo County to San Francisco, and the improvement of

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all the roads in the outlying sections of San Francisco. All of these require careful study and should be taken up as rapidly as financial power and legislative action will permit.

But I believe that every one will concede that the three first mentioned are conspicuous necessity, and are within the range of early accomplishment.

Lincoln, in his address on the field of Gettysburg, said: "The world will little note, nor long remember what we say here, but it can never forget what they did here." Brother officials, let us now say: "Our City may little note, nor long remember, what we say here, but let us so conduct our administration that it can never forget what we will have done here."

JAMES ROLPH, JR., Mayor.

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Water Rates

PROCEEDINGS OF THE BOARD OF SUPERVISORS IN THE MATTER OF FIXING RATES TO BE CHARGED BY ANY PERSON OR CORPORATION SUPPLYING WATER TO THE CITY AND ITS INHABITANTS FOR THE YEAR ENDING JUNE 30, 1913.

The Board of Supervisors, pursuant to the requirements of the Constitution of the State of California, of the Act of the Legislature, approved March 7, 1881, and of Section 1, Chapter II, Article II of the Charter of the City and County and in compliance therewith, obtained statements from the corporations engaged in the business of supplying water during the year 1910, showing their receipts and expenditures and nature and character of properties, and after consideration and investigation, fixed the rates to be collected for furnishing water during the year commencing July 1, 1912, and ending June 30, 1913.

As preliminary to commencing the investigation of water rates for the year commencing July 1, 1911, and ending June 30, 1912, the Board of Supervisors adopted the following resolutions in order to procure the information necessary to enable it to act intelligently and fairly in fixing such rates:

Resolutions Nos. 9107 and 9110 (New Series) requiring statements to be filed by all persons, companies or corporations engaged in the business of supplying water to the inhabitants of the City and County.

Resolution No. 9108 (New Series), directing the Board of Public Works to make an appraisement of certain properties of the Spring Valley Water Company.

THE INVESTIGATION.

The Board of Supervisors met as a committee of the whole for the purpose of investigating matters relating to rates on February 26, May 15, May 23, June 7 and 8, at which meetings testimony was taken and exhibits filed. The following are the principal exhibits:

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SPRING VALLEY WATER COMPANY STATEMENTS FILED WITH SUPERVISORS JANUARY, FEBRUARY, 1912.

OPERATING EXPENSES 1911.

1.	City Pumps	$ 28,371.38
2.	Black Point Pumps	15,603.09
3.	Clarendon Heights Pumps	15,766.14
4.	Precita Valley Pumps	14,259.74
5.	Ocean View Pumps	15,669.26
6.	Millbrae Pumps	1,053.01
7.	Belmont Pumps	40,142.85
8.	Crystal Spring Pumps	29.26
9.	Central Pumps	465.72
10.	City Reservoirs	9,717.74
11.	Lake Merced	4,260.57
12.	San Andres Reservoir	7,508.79
13.	Pilarcitos Reservoir	4,327.65
14.	Crystal Springs Reservoir	25,340.84
15.	Portola Reservoir	136.73
16.	San Andres Pipe Line	3,797.85
17.	San Andres Pipe Line, Merced Branch	417.84
18.	Lake Honda Supply Main	1,014.56
19.	Alameda Pipe Line	9,258.79
20.	Crystal Springs Pipe Line	943.65
21.	Stone Dam Aqueduct	2,112.45
22.	Pilarcitos Aqueduct	15.55
23.	Crystal Springs Pump Flume	458.20
24.	Alameda Pipe Line Aqueduct	1,699.05
25.	Sunol Filter Beds Expense	10,318.78
26.	Pleasanton Wells Expense	11,898.84
27.	Niles Aqueduct Expense	457.03
28.	Calaveras Dam Expense	1,222.08
29.	Main Repairs	26,482.20
30.	Meter Expense	10,833.05
31.	Outside Meter Expense	1,072.69
32.	Service Connection Repairs	28,388.43
33.	Telephone Expense	6,352.81
34.	Automobile Account	15,272.65
35.	Land Expense	16,737.55
36.	Lobos Creek	248.17
37.	Shipping Department	14,925.21
38.	Inspection Department	28,486.19
39.	Collection Department	45,643.84
40.	Bookkeeping Department	40,349.89
41.	Contractors' and Builders' Department	10,262.93
42.	Engineers' Department	11,704.21
43.	Legal Department	4,925.01
44.	General Salaries	69,599.81
45.	General Expense	66,930.57
46.	Complaint and Publicity Bureau	3,365.48
47.	Water Rate Suit	12,212.59
49.	Claim Damage and Bad Debts	294.45
50.	City Distributing Dept. Expense	12,296.28
51.	Service and Meter Dept. Expense	1,275.79
52.	Water Division Expense	9,080.78
53.	Millbrae Station	1,951.53
		$664,959.55

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SPRING VALLEY WATER COMPANY OPERATING EXPENSES SIX MONTHS ENDING DECEMBER 31ST, 1911.

1.	City Pumps	$ 14,343.86
2.	Black Point Pumps	7,642.05
3.	Clarendon Heights Pumps	7,850.64
4.	Precita Valley Pumps	7,262.06
5.	Ocean View Pumps	7,747.05
6.	Millbrae Pumps	731.07
7.	Belmont Pumps	20,632.63
8.	Crystal Springs Pumps	29.26
9.	Central Pumps	465.72
10.	City Reservoirs	4,545.88
11.	Lake Merced	2,578.48
12.	San Andres Reservoir	2,908.89
13.	Pilarcitos Reservoir	2,779.42
14.	Crystal Springs Reservoir	12,670.38
15.	Portola Reservoir	136.73
16.	San Andres Pipe Line	2,818.26
17.	San Andres Pipe Line, Merced Branch	204.96
18.	Lake Honda Supply Main	475.50
19.	Alameda Pipe Line	3,590.25
20.	Crystal Springs Pipe Line	451.33
21.	Stone Dam Aqueduct	812.84
23.	Crystal Springs Pump Flume	121.25
24.	Alameda Pipe Line Aqueduct	600.29
25.	Sunol Filter Beds Expense	5,208.25
26.	Pleasanton Wells Expense	7,708.64
27.	Niles Aqueduct Expense	152.85
28.	Calaveras Dam Expense	694.94
29.	Main Repairs	12,299.76
30.	Meter Expense	4,831.07
31.	Outside Meter Expense	585.52
32.	Service Connection Repairs	12,546.82
33.	Telephone Expense	3,014.43
34.	Automobile Account	8,152.33
35.	Land Expense	7,468.89
37.	Shipping Department	7,597.31
38.	Inspection Department	14,086.68
39.	Collection Department	24,277.92
40.	Bookkeeping Department	20,838.62
41.	Contractors' and Builders' Department	5,193.68
42.	Engineers' Department	3,489.50
43.	Legal Department	2,401.74
44.	General Salaries	35,332.40
45.	General Expense	40,282.62
46.	Complaint and Publicity Bureau	62.23
47.	Water Rate Suit	10,672.04
49.	Claim Damage and Bad Debts	224.45
50.	City Distributing Dept. Expense	6,323.06
51.	Service and Meter Dept. Expense	31.59
52.	Water Division Expense	4,637.35
53.	Millbrae Station	1,085.16
		$340,596.24

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SPRING VALLEY WATER COMPANY PERMANENT IMPROVEMENTS CALENDAR YEAR 1911.

Real Estate		$2,078,825.03
New Construction—		
Expenditure on Extensions of City Pipe System	$ 2,298.43	
Expenditure Meters Installed	25,344.81	
Expenditure Calaveras Improvements	44,679.25	
Expenditure Crystal Springs Reservoir	13,403.30	
Expenditure Belmont Pumps	1,031.80	
Expenditure Central Pumps	102,504.44	
Expenditure Central Pump Supply Main	22,009.36	
Expenditure Central Pump Force Main	53,569.46	
Expenditure Millbrae Pumps	4,537.59	
Expenditure Pilarcitos Pipe Line	1,734.97	
Expenditure Crystal Springs Pipe Line Venturi Meter	1,817.36	
Expenditure San Andres Pipe Line Venturi Meter	2,249.09	275,279.86
Total		$2,354,104.89

SPRING VALLEY WATER COMPANY.

INVENTORY OF PROPERTIES NOT NOW ACTUALLY USED IN SUPPLYING SAN FRANCISCO WITH WATER, SOME OF WHICH ARE CAPABLE OF DEVELOPMENT INTO A SOURCE OF WATER SUPPLY FOR THE CITY AND COUNTY IN THE FUTURE.

JANUARY 1, 1911.

Alameda County—

Arroyo Valle Lands, about 4,400 acres available for future supply.

Land on Alameda Creek—134.65 acres available for future supply.

Lands known as Poorman Tract—577.75 acres available for future supply.

Tract of land near Niles, 10.65 acres may be available for future supply.

San Mateo County—

Three lots on Pilarcitos Pipe Line not necessary for future supply.

Baden and other Rights of Way may be available for future supply.

Locks Creek Lands, available for future supply.

Polhemus Tract—775.77 acres. Not directly used for supply. Purchased to obtain 43 acres of land necessary for water shed and for diversion of road caused by Crystal Springs Dam.

Tract on Newhall Ranch. Interest in 65.95 acres—Intended for future supply.

Portola Lands—939 acres. Of value for future supply.

Camp Howard Tract—640 acres. Probably not of value for future use.

Land on Pescadero Creek—40 acres and Riparian Rights on Pescadero Creek of value for future use.

Ravenswood Lands and Rights of Way of value for future supply.

Marin County—

Sausalito Lots not required for supply.

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Santa Clara County—
Lands on and about Coyote Creek—about 11,472 acres—of value for future use.
Land on Stevens Creek—240 acres; not of value for future use in San Francisco.
Land forming part of Rancho Laguna Seca—30 acres—for future use.
Santa Clara and San Benito Counties—
Tequesquito Lands—958.27 acres; of value for future supply.
City and County of San Francisco—
Market Street Lot.
Precita Valley Lot.
Fulton Street Lot.
Industrial School Reservoir Site.
The above are of value for future supply.
Lobos Creek—
Of value for future use.
San Miguel Lots—
Of value for future supply.

STATEMENT OF THE SPRING VALLEY WATER COMPANY, SHOWING THE RECEIPTS FROM ALL SOURCES, AND AN ITEMIZED LIST OF EXPENDITURES MADE DURING THE YEAR PRECEDING JANUARY 1, 1912.

RECEIPTS.

For Water Rates, Private Consumers		$2,210,775.86
For 15% Increase impounded in trust by order of court		314,701.52
		$2,525,477.38
From Shipping	$110,193.91	
From 15% Increase impounded in trust by order of court	8,856.14	119,050.05
From Contractors and Builders		49,667.83
From City and County		191,566.11
		$2,885,761.37
Other Sources—		
Rents, etc.		97,611.45
Miscellaneous		2,218,633.53

DISBURSEMENTS.

Operating Expenses	$ 664,959.55
Taxes	399,871.47
Interest (Bond Interest)	709,520.00
Dividends	485,000.00
Permanent Improvements	2,354,104.89
Miscellaneous	159,867.76
Mercantile National Bank Deposit 15% Collections and Accrued Interest thereon, impounded by order of court	338,243.04

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STATEMENT OF THE SPRING VALLEY WATER COMPANY, SHOWING THE RECEIPTS FROM ALL SOURCES, AND AN ITEMIZED STATEMENT OF EXPENDITURES MADE DURING THE SIX MONTHS ENDING DECEMBER 31ST, 1911.

RECEIPTS.

For Water Rates, Private Consumers		$1,126,525.05
For 15% Increase impounded in trust by order of court		160,863.50
		$1,287,388.55
From Shipping	$54,703.03	
From shipping 15% increase impounded in trust by order of Court	4,168.85	
		58,871.88
From Contractors and Builders		28,328.07
From City and County		99,015.63
		$1,473,604.13
Other Sources—		
Rents, etc.		51,324.61
Miscellaneous		1,068,312.31

DISBURSEMENTS.

Operating Expenses	$ 340,596.24
Taxes	221,108.94
Interest (Bond Interest)	365,600.00
Dividends	140,000.00
Permanent Improvements	1,117,120.84
Miscellaneous	174,356.35
Mercantile National Bank Deposit 15% collections and Accrued Interest thereon, impounded by order of Court	172,009.52

SPRING VALLEY WATER COMPANY.

STATEMENT OF VALUATION OF PROPERTIES AS SHOWN BY THE BOOKS OF THE COMPANY.

DECEMBER 31, 1911.

Total as per Amounts and Statements of December 31, 1910, filed with the Board of Supervisors February, 1911		$46,254,760.06
Additions in 1911 as per Statement filed herewith:		
Real Estate	$2,078,825.03	
New Construction	275,279.86	2,354,104.89
		$48,608,864.95
Deduct—		
Sales of Property and Transfer of Equipment		174,389.95
		$48,434,475.00
Materials, Supplies, Tools, Stable and Other Equipment		323,881.63

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SPRING VALLEY WATER COMPANY OPERATING EXPENSES—FISCAL YEAR 1910-1911.

1.	City Pumps	$ 29,428.08
2.	Black Point Pumps	17,124.92
3.	Clarendon Heights Pumps	16,806.29
4.	Precita Valley Pumps	14,398.18
5.	Ocean View Pumps	16,443.40
6.	Millbrae Pumps	607.75
7.	Belmont Pumps	39,405.73
10.	City Reservoirs	10,110.72
11.	Lake Merced	6,475.99
12.	San Andres Reservoir	6,742.02
13.	Pilarcitos Reservoir	19.64
14.	Crystal Springs Reservoir	19,211.58
16.	San Andres Pipe Line	1,491.70
17.	San Andres Pipe Line, Merced Branch	380.20
18.	Lake Honda Supply Main	1,169.25
19.	Alameda Pipe Line	1,329.86
20.	Crystal Springs Pipe Line	14,057.49
21.	Stone Dam Aqueduct	2,340.27
22.	Pilarcitos Aqueduct	83.15
23.	Crystal Springs Pump Flume	431.30
24.	Alameda Pipe Line Aqueduct	1,098.76
25.	Sunol Filter Beds Expense	11,219.27
26.	Pleasanton Wells Expense	15,035.21
27.	Niles Aqueduct Expense	930.91
28.	Calaveras Dam Expense	857.88
29.	Main Repairs	29,426.94
30.	Meter Expense	11,020.02
31.	Outside Meter Expense	1,108.39
32.	Service Connection Repairs	31,835.61
33.	Telephone Expense	8,296.39
34.	Automobile Account	16,575.66
35.	Land Expense	17,373.43
36.	Lobos Creek	321.78
37.	Shipping Department	15,059.82
38.	Inspection Department	29,027.66
39.	Collection Department	42,712.63
40.	Bookkeeping Department	38,709.26
41.	Contractors and Builders Department	10,175.58
42.	Engineers Department	18,450.40
43.	Legal Department	4,488.44
44.	General Salaries	68,179.75
45.	General Expense	50,094.42
46.	Complaint and Publicity Bureau	3,640.33
47.	Water Rate Suit	32,313.83
48.	Pleasanton Wells Suit	4,935.59
49.	Claim Damage and Bad Debts	524.46
50.	City Distributing Dept. Expense	12,383.80
51.	Service and Meter Dept. Expense	2,010.74
52.	Water Division Expense	9,068.28
53.	Millbrae Station	1,848.60
		$686,673.30

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ESTIMATE OF THE CITY ENGINEER OF THE PROPERTY OF THE SPRING VALLEY WATER COMPANY.

San Francisco, June 7, 1912.

To the Honorable, The Board of Public Works,
Of the City and County of San Francisco.

Gentlemen:—I am required by Resolution No. 9108 to make an estimate of the value of the investment in the Spring Valley Water Company properties which are in actual use in supplying water to the City and County of San Francisco and which shall form the basis for fixing the rates to be charged for water during the fiscal year of 1912-1913.

The following appraisal is based upon the recent decision of Judge Farrington in the United States Circuit Court, which fixes a valuation of the property in use during the years 1903-1904, and upon the statements of the Spring Valley Water Company concerning the cost of properties added from year to year as found in the Municipal Reports of the City of San Francisco. From the appraisal thus made I have deducted the depreciation of the physical properties calculated upon the basis fixed by Judge Farrington.

Your attention is directed to the fact that the following estimate contains no allowance for the appreciation of value of properties appraised by Judge Farrington nor any allowance over their original cost for properties purchased since 1903-1904. The valuation given in this estimate is therefore to be considered as the value for rate fixing purposes only and should not be considered as an estimate of the amount which it would be reasonable for the City to pay in the event of their desiring to purchase the properties of the Spring Valley Water Company in their entirety.

JUDGE FARRINGTON'S DECISION.

The valuation summarized by the Court after exhaustive study is as follows:

SUMMARY OF VALUE OF PROPERTIES.

The value of complainant's properties used in supplying defendants with water in 1903-1904 was as follows:

1	1,880 acres reservoir land		$ 1,880,000
2	40,379.52 acres watershed		3,947,712
3	2,730 acres Lake Merced property		3,382,600
4	Water rights		2,100,000
5	Rights of way		200,000
6	City Reservoir Sites:—		
	Lake Honda	$ 165,000	
	University Mound	36,300	
	College Hill	40,800	
	Clay Street Tank	70,000	
	Lombard Street or Upper Russian Hill	120,000	
	Francisco Street or Lower Russian Hill	72,000	
	Clarendon Heights	12,600	
	Potrero Heights	9,150	
	Presidio Heights	40,000	567,850

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7	Pump Tracts:—		
	Black Point	$ 15,000	
	Clarendon Heights	12,475	
	Ocean View, Ocean Side Tank	1,000	
	Millbrae Pump Tract, 68 acres	25,000	
	Belmont Pump Tract, 45 acres	16,544	
	Carville Pump Tract	1,000	71,019
8	Bryant Street Pipe Yard and Building		65,000
9	Office Lot Building (Spring Valley Water Co. use)		179,217
			$12,393,398
10	Meters		$ 150,000
11	Stock on hand		270,000
12	Crystal Springs System:—		
	Lower Concrete Dam.		
	Excavation	$ 52,920	
	Concrete Factory	78,229	
	Outlet Shaft	81,510	
	Howard Cut	103,433	
	Extra work	79,050	
	Main Dam—Concrete	1,399,080	
	Upper Dam	50,000	
	Buildings at Upper Dam	10,359	
	Screen House and Tank at University Mound Reservoir	6,000	
	Pipe Line to San Francisco	796,444	
	Trestles	20,400	
	Tunnels	39,934	2,717,895
13	Alameda Creek System:—		
	36-inch Pipe Line: On Trestles	$ 107,300	
	36-inch Pipe Line: In ditch	806,332	
	Trestle through marsh; Gate at Burlingame	75,000	
	54-inch Pipe Line	318,530	
	Connections	7,670	
	Submarine Pipe Line: Double 16-inch	150,000	
	Submarine Pipe Line: Double 22-inch	285,900	
	Pleasanton Improvements	75,559	
	Sunol Filter Beds, Laguna Ditch and Sunol Dam	275,193	
	Sunol Aqueduct	324,608	
	Niles Dam and Aqueduct	40,000	2,466,092
14	Pilarcitos System:—		
	Pilarcitos Dam and Waste Weir	$ 326,778	
	Upper Pilarcitos Dam	10,000	
	Pilarcitos Pipe Line	303,233	
	Pilarcitos Side Flume	14,000	
	Gate House	21,412	
	Pilarcitos Camp	5,093	
	Flume and Gauge Tank	840	
	Tunnel No. 1	27,096	
	Tunnel No. 2	68,320	
	Lake Honda Tunnel	44,612	
	Lake Honda Screen House	10,640	
	Tank House	880	
	Lake Honda (Large) Tank	4,000	
	Ocean House Flume	9,233	846,139
15	Lake Merced Drainage System		232,454

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16	San Andreas System:—		
	Main Dam and Waste Weir	$ 488,541	
	Pipe Line	480,557	
	Forebays, Gate Houses, Outlets, Shafts and Appurtenances	41,307	
	Bald Hill Tunnel	52,875	
	Davis Tunnel	29,724	
	Flume and Pipe Feeder	17,451	
	Buildings at Reservoir	11,704	
	Screen House and Measuring Tank	8,375	
	Sewer Pipe	7,317	
	College Hill Aerator	1,772	$ 1,139,623
17	Locks Creek:—		
	Locks Creek Flume	$ 87,413	
	Locks Creek Tunnel No. 1	57,910	
	Locks Creek Tunnel No. 2	73,304	
	Pilarcitos Stone Dam	7,482	
	Pilarcitos Stone Dam Flume	15,901	
	San Mateo Valley Clay Settling Dam	7,126	
	San Mateo Concrete Dam	9,150	
	Pipe Line across San Andreas Valley	23,280	
	Concrete Tunnel, Culvert, etc.	5,800	
	Buildings	2,500	289,866
18	City Distributing Reservoirs:—		
	Lake Honda	$ 294,157	
	University Mound	167,109	
	College Hill	57,265	
	Francisco Street	43,574	
	Lombard Street	41,725	
	(Presidio Heights)		
	Potrero Heights	17,768	
	Clay Street	13,324	
	Clarendon Heights	14,577	649,499
19	Pumping Plants:—		
	Belmont Pumping Station	$ 277,021	
	Millbrae Pumping Station	271,580	
	Lake Merced Pumping Station	276,116	
	Crystal Springs Station	130,756	
	Pilarcitos Station	30,167	
	Black Point Station	165,787	
	Clarendon Heights Station	54,780	
	Ocean View Station	10,000	$ 1,216,207
20	City Pipe System		4,500,000
21	Special Structures, viz:—		
	Lake Honda Sewer Tunnel		
	Lake Honda Pipe Tunnel		
	Bernal Heights, two tunnels		
	Islais Creek Trestle		
	Ocean Side Tank		59,316

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RECAPITULATION OF STRUCTURES.

	Crystal Springs System	$2,717,359	
	Alameda Creek System	2,466,092	
	Pilarcitos System	846,139	
	Lake Merced Drainage System	232,454	
	San Andreas System	1,139,628	
	Locks Creek	289,866	
	City Distributing Reservoir	649,499	
	Pumping Plants	1,216,207	
	City Distributing System	4,559,316	
22	12½ per cent for engineering and interest during construction	1,764,569	$15,881,124
	Total Real Estate		12,393,398
	Meters and stock on hand		420,000
	Total		$28,694,522
23	Less Depreciation		2,922,538
	Total Value of Property		$25,771,984
	From this total of		$25,771,984
	There should be deducted the value of property not in use, as follows:—		
	Item No. 9, Office Lot and Building	$ 179,217	
	Item No. 14, Pilarcitos Pipe Line	303,235	
	Lake Honda Tank	4,000	
	Ocean House Flume	9,233	
	Item No. 16, College Hill Aerator	1,772	
	Item No. 20, City Pipe System, Estimated damage by earthquake of April 18, 1906, (See Municipal Reports 1905-1906 and 1906-1907, page 822)	200,000	$ 697,457
	From which we have as the value in 1903 of property which is in use today		$25,074,527

The Court fixed the annual depreciation upon the plant then in use as follows:

"I find the annual depreciation of this plant to be one per cent per annum for cast iron pipe; 2 per cent for wrought iron pipe; 2.5 per cent for pump engines, flumes and wooden structures; and 5 per cent for boilers. Thus I have ascertained the annual depreciation to be $212,983."

In order to arrive at the annual depreciation of the properties which are in use today we should deduct from this		$212,983.00
the depreciation of properties which have been eliminated from the above estimate as follows:		
Pilarcitos Pipe Line	$6,064.70	
Lake Honda Tank	100.00	
Ocean House Flume	130.80	
College Hill Aerator	44.30	
City Pipe System	2,000.00	
Total		8,339.80
Leaving an annual depreciation of		$204,643.20
Substracting from		$25,074,527.00
the depreciation for 8 years at $204,643.00, or		1,637,144.00
We have		$23,437,383.00

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as the present value of property now in use and included in Judge Farrington's valuation of 1903-1904.

Properties added during the calendar year 1904:

Referring to the Municipal Reports of San Francisco for the years 1904-1905, City Engineer's Report pages 473, 474, 475, 476 and 477; Exhibit No. 8, pages 479 and 480; and Exhibit No. 11, pages 481 and 482, and eliminating items not at present in use, we have the following:

New construction, extensions to City Pipe Line	$197,975.21	
Real Estate	101,286.00	
New Alameda Pipe Line	10,880.00	
Lombard Street Reservoir	7,353.71	
Belmont boilers	7,073.94	
Sunol Aqueduct	8,467.01	
Presidio Heights Tank	2,900.08	
Carville Tank	2,216.37	
New Belmont Pumps	1,836.21	
Lake Merced Drainage	1,180.22	
Meters	909.78	
Crystal Springs Flume	741.03	
Alameda Real Estate	641.00	
Lake Merced Ranch	114.00	
New submarine pipe	6.80	
Filter beds	315.00	
Total		$338,584.96
To which should be added the cost of the Presidio Heights Reservoir, as found on Page 515 of the Municipal Reports of 1903-1904		21,549.80
Making a total of		$360,134.76

From which should be deducted the depreciation for 7 years as follows:

New construction, 1%	$ 1,979.75	
New Alameda Pipe Line, 2½%	472.02	
Belmont boilers, 5%	353.70	
Carville Tank, 2½%	55.51	
Belmont Pumps, 2½%	45.91	
Crystal Springs Flume, 2½%	18.52	
7 years at	$ 2,925.31	20,477.17
Leaving		$339,657.59

Properties added during the calendar year 1905: Referring to Pages 831 and 832 of Municipal Reports for 1905-1906 and 1906-1907, and eliminating cost of properties not use, we have the following:

Lake Merced property	$111,827.50	
Ravenswood rights of way	33,340.05	
Sunol Filter bed	10,950.00	
Colma rights of way	4,709.65	
Agent's commissions	299.30	
City Distributing Pipe System	247,000.00	
Lake Merced Drainage System	2,145.34	
Pleasanton Wells	288.25	
Centerville Improvements	9,797.86	
Total		$420,352.95

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From which should be deducted the depreciation for 6 years, as follows:

City Distributing System, 1%	$ 2,470.00	
Pleasanton Wells machinery	7.08	
6 years at	$ 2,477.08	14,862.48
Leaving		$405,490.47

as the present value of improvements made by the Spring Valley Water Company during the year 1905.

Properties added during the calendar year 1906:—Referring to the City Engineer's Report of February 15, 1907, as found on Pages 820, 821 and 822 of Municipal Reports for the year 1905-1906 and 1906-1907, and eliminating items not properly charged, we have:

San Andreas Pipe Line	$ 30,355.00	
Wrought iron pipe and asphaltum, (San Andreas Pipe Line)	3,946.00	
Crystal Springs Water Shed lands	19,314.00	
House, stable and tool shop, Millbrae	3,935.00	
Fifield Ranch	5,000.00	
Rights of way through cemetery	20,153.00	
Alameda Creek water shed lands	60,400.00	
Centerville right of way	9,211.00	
Ravenswood right of way	3,200.00	
Meyer lot	2,028.00	
San Andreas Pipe Line Lot	3,082.00	
Clarendon Heights Pump lot	3,558.00	
Precita Pump Lot	10,084.00	
Ocean Beach System	4,281.00	
New construction consisting principally of laying pipes, etc., less credits for service connections	136,704.00	
Right of way south end Lake Merced Ranch	3,000.00	
Total		$318,218.00

From which should be deducted the annual depreciation for 5 years, as follows:

New San Andreas Pipe Line, 2%	$ 607.10	
Wrought iron pipe and asphaltum, 2%	78.92	
Millbrae house, stable and tool shop	98.37	
Ocean Beach system	42.71	
New construction	1,367.04	
5 years at	$ 2,194.14	8,970.70
Leaving		$309,247.30

as the present value of properties added during the year 1906.

Properties added during the calendar year 1907:—Referring to the report of the City Engineer of February 18, 1908, as found on Pages 937, 938 and 939 of the Municipal Reports for the year 1907-1908 and including the amount spent in replacements, since we have already deducted the damage done by the earthquake, we have the following:

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Improvements—		
Real state, rights of way	$187,412.53	
Pipes, new construction	40,083.87	
Service mains	25,636.71	
Meters	72,917.86	
New Pilarcitos Main	6,186.25	
Lake Honda drainage system	8,494.00	
Lake Merced drainage system	4,559.44	
Vista Grande	9,860.40	
Outside Meters	342.15	
		$355,493.21
Replacements—		
New San Andreas Pipe line	$152,494.71	
Ocean View Pumps	64,484.29	
Ocean View Pumps connecting San Andreas main with Lake Honda conduit	48,313.10	
Precita Valley pumps	12,603.21	
City Engine	1,830.77	
General replacement account	55,616.84	
		335,342.92
Total		$790,836.13

From which should be deducted the depreciation for 4 years, as follows:

Pipes	$ 8,016.77	
Service mains	2,568.67	
Meters	7,291.78	
Pilarcitos main	123.72	
Outside meters	3.42	
New San Andreas Pipe Line	3,049.89	
Ocean View Pumps	161.21	
Ocean View Pumps	120.78	
Precita Valley Pumps	315.08	
City Engine	45.75	
4 years at	$ 21,692.07	86,768.28
Which leaves us		$704,067.85

as the present value of properties added to the Spring Valley Water Company during the calendar year 1907.

Properties added during the calendar year 1908:—Referring to the appraisement of the City Engineer of January 31, 1909, as found on Pages 1221, 1222 and 1223, of the Municipal Reports for 1908-1909, we have the following:

Real estate	$ 78,144.53	
Extension of City Pipe System	20,653.02	
Meters	36,946.67	
Small service mains	9,123.38	
Outside meters	91.00	
Vista Grande drainage	8,424.25	
Lake Honda drainage	2,524.39	
Precita Valley pump	28,684.54	
Ingleside drainage	153.03	
17th St. machine shop	1,234.61	
Pleasanton Wells pipe line	48,178.81	
Sunol filter beds	381.91	
Total		$234,490.14
Deduct for credits charged in previous years		5,071.82
Balance		$229,418.32

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From which should be deducted the depreciation for 3 years, as follows:

City pipe system	$ 206.53	
Meters	369.46	
Service mains	91.23	
Precita Valley pump	717.11	
17th St. machine shop	30.86	
Pleasanton Wells pipe line	963.58	
3 years at	$ 2,378.77	7,136.31
Leaving		$222,282.01

as the present value of properties added during the calendar year 1908.

Properties added during the calendar year 1909:—Referring to the appraisement of the City Engineer published on Pages 1158 and 1159 of Municipal Reports of the City of San Francisco for the fiscal year 1909-1910, we have the following:

Real estate San Mateo County	$135,961.75	
Alameda County	16,501.70	
San Francisco County	346.92	
Additions to City pipe system	7,960.60	
Installation of meters	26,199.50	
Pleasanton Wells pipe construction	47,286.28	
Outside meters	232.25	
Sunol filter bed galleries	9,324.68	
Total		$243,813.24

From which should be deducted the depreciation for 2 years as follows:

City pipe system, 1%	$ 79.60	
Meters, 1%	261.99	
Pleasanton pipe construction	118.22	
Outside meters	2.32	
2 years at	$ 462.13	924.26
Leaving		$242,888.98

as the present value of properties added during the calendar year 1909.

Properties added during the calendar year 1910:—Referring to the appraisement of the City Engineer of February 1, 1911, as found on pages 1275 and 1276 of the Municipal Reports for the fiscal year 1910-1911, we have the following:

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City pipe system	$ 36,201.87	
Meters	38,511.95	
Sunol filter bed galleries	13,138.14	
Pleasanton Wells	668.83	
City pumps	1,027.31	
Pilarcitos pipe line	5,453.28	
San Francisco real estate	1,466.76	
47.61 acres Crystal Springs water shed	1,904.40	
Telephone right of way near Redwood City	56.00	
244.73 acres Crystal Springs water shed	1,749.50	
32.3 acres Crystal Springs water shed	4,535.00	
Right of way near Ravenswood	2,837.00	
314.3 acres Crystal Springs watershed	26,303.70	
Right of way Crystal Springs pipe line	1,000.00	
Recording U. S. Patents to S. V. W. Co.	2.50	
Recording deeds, etc.	25.95	
Reversionary interest to Calaveras school site	25.00	
Right of way between Newark and Centerville	288.00	
William Murray Township Water Co.	51,003.00	
Riparian rights Alameda Creek	16.10	
Portion of Section 18, T. 4S., R. I. E.	1,325.00	
Recording deed	1.90	
Recording deed	2.50	
Exchange of property from Niles to Dumbarton	3,888.52	
Total		$191,427.21
From which should be deducted the depreciation for one year, as follows:		
City pipe system	$ 362.02	
Meters	385.12	
City pumps	25.68	
Pilarcitos pipe line	119.06	
		891.88
Leaving		$190,535.33

as the present value of properties added by the Spring Valley Water Company during the year 1910.

Betterments during the calendar year 1911:—In the early part of the year 1912 the Spring Valley Water Company filed with the Board of Supervisors a statement of permanent improvements added to the property of the Company during the year as follows:

Real Estate	$2,078,825.03	
City pipe system	2,298.43	
Meters installed	25,344.81	
Calaveras improvements	44,679.25	
Crystal Springs Reservoir	13,403.30	
Belmont pumps	1,031.80	
Central pumps	102,504.44	
Central pumps supply main	22,009.36	
Central pumps force main	53,569.46	
Millbrae pumps	4,537.59	
Pilarcitos pipe line	1,734.97	
Crystal Springs pipe line	1,817.36	
San Andreas pipe line	2,249.09	
Total		$2,354,104.89
From this should be deducted the value of the Calaveras improvements		44,679.25
Leaving		$2,309,425.64

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as the present value of properties.

The depreciation on this property is estimated as follows:

City pipe system	$ 22.98	
Meters	253.45	
Belmont pumps	45.79	
Central pumps	2,562.61	
Central pump supply main	440.18	
Central pump force main	1,071.39	
Millbrae pumps	113.44	
Pilarcitos pipe line	34.70	
Crystal Springs pipe line	36.35	
San Andreas pipe line	44.98	
Total		$ 4,625.87

Since 1903-1904 the Spring Valley Water Company have raised the height of the Crystal Springs Dam, thus increasing the area of the reservoir by some 214 acres and under the principles laid down in Judge Farrington's decision (see Page 46 of Judge Farrington's decision), reservoir lands should be valued at $1,000 per acre and watershed lands at $100 per acre. These 214 acres have now become reservoir lands, therefore this value should be increased by $900 per acre, or $192,600.

SUMMARY.

The following is a summary of the above:

Estimated present value of lands in use in 1903-4	$23,437,383.00	
Present value of betterments:		
During the year 1904	339,657.59	
1905	405,490.47	
1906	309,247.30	
1907	704,067.85	
1908	222,282.01	
1909	242,888.98	
1910	190,535.33	
1911	2,309,425.64	
Increased value of lands due to their being used as reservoir site	192,600.00	
Total		$28,162,904.17

The annual depreciation of this property is estimated as follows:

Depreciation of property in use in 1903-4 as per Judge Farrington's decision	$ 204,643.00	
During the year 1904	2,925.31	
1905	2,477.08	
1906	2,194.14	
1907	21,692.07	
1908	2,378.77	
1909	462.13	
1910	891.88	
1911	4,625.87	
Total		$ 242,290.25

Respectfully submitted,

MARSDEN MANSON,
City Engineer.

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COMMUNICATION FROM SPRING VALLEY WATER COMPANY. L. E. H.

San Francisco, Cal., May 20, 1912.

To the Water Rates Committee of the
Honorable, The Board of Supervisors of the
City and County of San Francisco, and
Andrew Gallagher, Esq., Chairman.

Dear Sirs:—To make clear the position of the Spring Valley Water Company in reference to matters that you have brought before it:

During the past ten years differences have existed between the Supervisors and the company regarding the proper basis for fixing of water rates. The most important of these questions have been definitely removed by decisions of the Circuit Court and Supreme Court of the United States. Your Board will now probably agree that rates should be established that will afford a fair return on the value of the property at the time it is being used for the public, provided such rates do not result in the imposition of an insupportable burden upon the rate payers; that established business or going concern is an element of value; and that depreciation is a necessary charge against revenue. Therefore any differences as to present value of property used in rendering service, or what constitutes a reasonable return on its value, becomes of little importance for the reason that the company will accept a rate now over which there should be no honest intelligent difference of opinion.

The Supreme Court of the United States decided six per cent as a reasonable rate of return in the Consolidated Gas Case, and the United States Circuit Court decided eight per cent to be reasonable in the Des Moines Water Case. No decision as to reasonable return was made in the Spring Valley 1903 Rate Case.

The reasonableness of the request that we here make is justified by the figures which follow and is based on the estimated results of the rates which we suggest. The operating expenses of the company for the four months ending April 30, 1912 were $255,716.02, as compared with $217,629.35 for the corresponding period of 1911. Operating expenses, depreciation, taxes, etc. for the calendar year 1911 were $1,564,831. The operating expenses and taxes for the fiscal year 1912-1913 will increase over the corresponding items for 1911, and we estimate that operating, depreciation, taxes, etc. for 1912-1913 will be $1,629,680 and that the net return under the rates we suggest will be $1,585,720, which is

8% on $19,821,500 (Des Moines Water Rate Decision);
7% on $22,653,100 (Statutory legal rate in California);
6% on $26,428,600 (U. S. Supreme Court Consolidated Gas);
5% on $31,714,400.

The capital expenditures of the company for the calendar years 1902-12 were $6,108,904. The estimated capital expenditures for six months of 1912, that is to say to July 1, 1912, are $300,000, and during the rate year 1912-1913 large capital expenditures will be necessary.

To arrive at an estimate of value as of July 1, 1912, based on Judge Farrington's decision, it is necessary to consider the well-known increase in land value since 1903; the value of going concern or established business; property acquired since 1903 and property in use at this time but not then in use. For rate fixing purposes, the Lake Merced property was valued by Judge Farrington at $3,382,600. It must be within your knowledge that the property is reasonably worth today in excess of ten million dollars.

When the testimony in the 1903 case was taken, there were many important reasons why the ownership of properties then belonging to the company

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(titles to which were of record in other names) should not be disclosed. Judge Farrington states:

> "In such matters its wishes were respected in the taking of testimony; consequently it is impossible to locate, describe or value all its holdings."

In July 1912 our plant will be developed to supply in excess of 45 million gallons daily, whereas in 1903 we were not equipped to supply in excess of 35 million gallons daily, and in making his valuation Judge Farrington allowed for only thirty-five million gallons daily. Taking Judge Farrington's valuation for rate fixing purposes as a foundation, and giving consideration to the value of going concern, increased value of real estate, subsequent acquisitions, capital expenditures, etc., the value of the property now actually used in supplying San Francisco with water exceeds for rate fixing purposes the sum of $40,000,000.

The company has for many years requested an increase of 25% on the 1902 rate, with a $5 hydrant rate. It will ,however, accept the rates now being collected, i. e. the 1902 rate plus 15% and a $5 per month hydrant rate. It recedes from its previous position with the hope that harmonious relationship with the Board of Supervisors will be mutually beneficial to the city and the company.

In reply to your further question relating to low pressure and extension of mains: If the rates here requested are established, the company will expect an end to all existing litigation between the company and the city (as suggested by the City Attorney), and that the Supervisors will permit no increase in taxes (which now amount to over $420,000 per year.) Harmonious relationship with the city will firmly re-establish the credit of the company, and it will be able to make and will make extensions and substitute larger mains in certain districts. It cannot undertake to lay mains to advance speculative real estate ventures or to high elevations requiring the installation and operation of special pumping plants, or extensions that might jeopardize the city's supply. But the company will undertake to make reasonable extensions.

These suggestions are made with the further understanding that the rates will be maintained for at least four years, and that if negotiations now in hand looking to the sale of the property to the city are not concluded, we reach a definite understanding relating to the necessary increased supply for 1914-15, with reasonable protection for future capital expenditures.

Respectfully,

SPRING VALLEY WATER COMPANY,

S. P. EASTMAN.

COMMITTEE REPORT.

On June 10, 1912, the matter was before the Board of Supervisors in regular session and the following committee report was presented:

San Francisco, June 10, 1912.

To the Honorable Board of Supervisors,
of the City and County of San Francisco.

Gentlemen:—The Committee of the Whole, after four sessions at which the valuations of the Spring Valley Water Company, for rate fixing purposes, were considered, recommends the adoption of an ordinance continuing the existing rates for water.

Supervisor Andrew J. Gallagher dissents from this recommendation.

It is believed after careful inquiry and consideration of all elements, including depreciation and capital investment that the existing rates will yield

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a reasonable, and in fact a liberal income to the Spring Valley Water Company. This rate allows for increased producing capacity, but does not take into consideration all of the capital investment claimed by the company, which capital investment has not as yet been put into actual use in the system which supplies water to the people of this City.

The Committee does not make an extensive tabulated report for the reason that negotiations are now pending with the Spring Valley Water Company looking toward the purchase of the entire system by the City. Because of these pending negotiations it was not deemed advisable to duplicate the work of the Advisory Committee and make extended expert investigations of the properties.

The Spring Valley Water Company filed its reports in the usual manner, and subsequently the City Engineer was called upon for a statement, estimating the value, for the purpose of fixing rates, of the Spring Valley water plant.

The Spring Valley Water Company requested an increase of 25 per cent over the 1902 rate based on valuation for water producing purposes of $34,000,000 or $35,000,000.

This estimate was carefully weighed, and while it is not wholly allowed it is partially granted.

The City Engineer estimated the values for water purposes of the Spring Valley water plant at $28,162,904.17.

The annual reports of the Spring Valley Water Company show constant increases in the volume of business, which of course increases their net revenue. Your Committee took this average increase into consideration in the discussion prior to the recommendation of the passage of the existing rates.

It is hoped that this rate, which is deemed reasonable will be acceptable to the Spring Valley Water Company, and that negotiations now pending will be brought to a successful conclusion and the whole water problem submitted to the people for final settlement in the near future.

Respectfully yours,

By direction of the Committee of the Whole.

J. S. DUNNIGAN, Clerk.

Minority Report.

The following minority report was also presented and read:

San Francisco, June 10, 1912.

To the Honorable Board of Supervisors,
of the City and County of San Francisco.

Gentlemen:—In dissenting from the recommendation of the Committee of the Whole in the matter of the re-enactment of the existing rates for water, I beg leave to recommend that the ordinance be changed so that the Spring Valley Water Company shall receive 5 per cent net on a valuation of $26,000,000.

I believe that $26,000,000 is a fair and reasonable valuation of the properties used and usable at this time for the purpose of supplying water to the City and County of San Francisco.

If the existing rates were cut 4 per cent horizontally it would yield the Spring Valley Water Company something over 5 per cent on $26,000,000. This would be a net income on their water product, and allow for depreciation and income from other sources than from water. I therefore suggest that a 4 per cent deduction of existing rates be made.

The report of the Committee of the Whole, which recommends the adoption of existing rates in my opinion gives the Spring Valley Water Company too large an increase for appreciation and for capital investment. While it is no doubt true that the company has made investments of considerable sums for

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property in Alameda County, these investments have not so far produced any appreciable increase in the volume of water delivered to the City.

In this connection I wish to call the attention of the Board of Supervisors to the fact that the Spring Valley Water Company reports an investment of approximately $2,000,000 for lands in Alameda county, and at the same time the same report shows that they have spent approximately $20,000 in extensions and new pipes in the City. It is therefore obvious that the investments on which the company now asks for an income have not been productive of an increased supply of water for this City.

I should be willing to allow the Spring Valley Water Company liberal values for appreciations and extensions if that company were to show a disposition to provide adequate water service to this community.

I do not believe that 5 per cent on $26,000,000 is an unreasonably low allowance at this time, and I do believe the valuation is a fair estimate of the property actually employed in water service.

I take for the basis of my recommendation the opinion of Judge Farrington, wherein he says that less than 5 per cent is confiscatory, and I, therefore, after having the reports and testimony analyzed find that 5 per cent on $26,000,000 would yield the company a net income, according to their own figures, of $1,300,000 in round numbers, which is the amount the company received last year. When to this is added the increased volume of business for the next fiscal year, I think their income would be increased from $50,000 to $60,000 net.

Respectfully submitted,

ANDREW J. GALLAGHER.

ORDINANCE ADOPTED.

On June 17, 1912, the bill fixing water rates was before the Board of Supervisors for consideration and Supervisor A. J. Gallagher moved to amend the same by a horizontal reduction of four per cent. The amendment was defeated, Supervisors A. J. Gallagher and Edward L. Nolan voting aye and all the other supervisors voting against the amendment. The bill was thereupon passed to print and was finally passed on July 1, 1912. The following is the ordinance:

BILL NO. 2162. ORDINANCE NO. 1944. (New Series.) Regulating the monthly rates by compensation to be collected by any person, company or corporation engaged in the business of supplying water to the inhabitants of the City and County of San Francisco for family uses, for private purposes, for municipal uses and for all public purposes of said City and County for the year commencing July 1, 1912 and ending June 30, 1913.

Be it ordained by the People of the City and County of San Francisco as follows:

That the monthly rates of compensation for supplying water shall be as follows:

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GENERAL RATES.

Section 1. For buildings occupied by a single family covering a ground surface of (not including porches):

Square Feet.	One Story.	Two Stories.	Three Stories.	Four Stories.	Five Stories.
0 to 400	$0.22	$0.27	$0.36	$0.41	$0.45
400 to 500	.27	.36	.41	.45	.54
500 to 600	.36	.41	.45	.54	.63
600 to 700	.41	.45	.54	.63	.68
700 to 800	.45	.54	.63	.68	.72
800 to 900	.54	.63	.68	.72	.76
900 to 1000	.63	.68	.72	.76	.86
1000 to 1200	.68	.72	.76	.86	.90
1200 to 1400	.72	.76	.86	.90	.94
1400 to 1600	.76	.86	.90	.94	.99
1600 to 1800	.86	.90	.94	.99	1.03
1800 to 2000	.90	.94	.99	1.03	1.08

The foregoing rates also apply to public buildings. No single rate less than twenty-two (22) cents.

For all houses one story in height, covering a greater area than two thousand square feet, there shall be added nine (9) cents for each additional two hundred square feet or fraction thereof, and the further sum of nine (9) cents for each additional story:

ADDITIONAL FAMILIES.

Where a house or building is occupied by more than one family the general rate for each additional family shall be three-quarters (¾) of the foregoing rates, except:

First—Where a house or building is divided into flats, each flat having a separate entrance, and occupied by a separate family, the general rate charged shall be the same for each flat as for a single house of like dimensions.

Second—Where two or more families occupy the same floor the general rates for each family on such floor shall be the rate for the floor surface occupied by such family (the same as for a single one-story house), according to the foregoing table.

Note—The general rate includes water for general household purposes but does not include any of the following specified rates:

SPECIAL RATES—BATHING TUBS.

Section 2. Bathing tubs in private houses, each tub $0.32.

In public houses, boarding houses, lodging houses, hotels and bathing establishments where meters are not used, each tub, $0.45.

FOR HORSES AND COWS.

Section 3. For each horse, $0.18; for each cow, $0.09.

BOARDING AND LODGING HOUSES, ETC.

Section 4. Boarding and lodging houses, not including water for baths, water closets and urinals or for water without the houses, shall be charged for each boarder and lodger within the same in addition to the rates for private families, $0.07.

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IRRIGATION, PRIVATE GARDENS, ETC.

Section 5. Irrigation for private gardens and private grounds, one-half (½) of a cent per square syard; no monthly charge to be less than fifteen (15) cents.

WATER CLOSETS.

Section 6. For each valve closet for use of public building.....$0.45
For each valve closet for use of private dwelling..... .22
Privy vaults (connected with sewer)—
For use of public building, each seat..... .41
For use of private dwelling, each seat..... .22
All drain closets to be charged at the same rate as privy vaults.

URINALS AND STATIONARY WASHSTANDS.

Section 7. For use of public buildings, each $0.09
For use of private dwellings, each ..... .05

BUILDING PURPOSES.

Section 8. Water furnished for building purposes:
Each barrel of lime or cement $0.14
Each thousand of brick ..... .09

STORES, BANKS, SALOONS, HOTELS, ETC.

Stores, banks, bakeries, offices, warehouses, saloons, groceries, eating houses, barber shops, butcher shops, book binderies, blacksmith shops, confectioneries, hotels, lodging houses, boarding houses, churches, halls, laundries, photograph galleries, printing offices, steam engines, greenhouses, markets, market stalls, horse troughs, soda fountains and other places of business, each to be charged according to the estimated quantity used, from eighty-one cents ($0.81) to five and 40-100 dollars ($5.40), or by meter at meter rates.

FIRE PIPES.

Section 9. Meters shall be applied to all pipes used specially for fire protection, and monthly bills shall be charged for the same at regular meter rates, provided, however, that the monthly bill shall not be less than fifty (50) cents for each one-half (½) inch of diameter of pipe used.

METER RATES.

Section 10. Water furnished for any and all purposes not embraced in the above shall be supplied by meter at the following rates:

The first 2,000 cubic feet used (between 0 and 2,000 cubic feet) shall be charged for at the rate of twenty-five (25) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 2,000 and 4,000 cubic feet) shall be charged for at the rate of twenty-four (24) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 4,000 and 6,000 cubic feet) shall be charged for at the rate of twenty-two (22) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 6,000 and 8,000 cubic feet) shall be charged for at the rate of twenty-one (21) cents per 100 cubic feet.

The next 2,000 cubic feet used (between 8,000 and 10,000 cubic feet) shall be charged for the at the rate of twenty (20) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 10,000 and 15,000 cubic feet) shall be charged for at the rate of nineteen (19) cents per 100 cubic feet.

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The next 5,000 cubic feet used (between 15,000 and 20,000 cubic feet) shall be charged for at the rate of eighteent (18) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 20,000 and 25,000 cubic feet) shall be charged for at the rate of seventeen (17) cents per 100 cubic feet.

The next 5,000 cubic feet used (between 25,000 and 30,000 cubic feet) shall be charged for at the rate of sixteen (16) cents per 100 cubic feet.

The next 10,000 cubic feet used between 30,000 and 40,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 40,000 and 50,000 cubic feet) shall be charged for at the rate of fifteen (15) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 50,000 and 60,000 cubic feet) shall be charged for at the rate of fourteen (14) cents per 100 cubic feet.

The next 10,000 cubic feet used (between 60,000 and 70,000 cubic feet) shall be charged for at the rate of thirteen (13) cents per 100 cubic feet.

All water used in excess of 70,000 cubic feet per month to be charged for at the rate of twelve (12) cents per 100 cubic feet.

No monthly meter bill to be less than one and 80-100 dollars ($1.80), except as hereinafter provided.

Upon application of any ratepayer the Board of Supervisors shall reserve the right, upon a proper showing of cause, to require the company to put in a meter and charge meter rates for any consumer of water, on such conditions as the Board may impose as to the rental when meter is not actually used.

METER RATES FOR SHIPPING.

Water shall be furnished and delivered by meter measurement to shipping lying alongside of the bulkhead or any of the wharves on the water front where water pipes or mains are laid, between the hours of 6 o'clock a. m. and 6 o'clock p. m., daily, upon application being made therefor, at the following rates: When supplied by reel and hose cart, $1.50 per 1000 gallons. When supplied by connection with water pipes, at rates that shall not exceed double the regular meter rates established by Section 10. The minimum charge for each separate delivery to be fifty (50) cents.

No water boat furnishing and supplying water to shipping lying at anchor within the limits of the wharves of the City and County of San Francisco shall charge a rate to exceed three dollars ($3.00) per 1000 gallons.

HYDRANT RATES.

Section 11. The rates of compensation to be collected for water supplied by and through hydrants to the City and County of San Francisco shall be two dollars and fifty cents ($2.50) per month for each hydrant for fire purposes and flushing of sewers.

PREVENTION OF WASTE.

Section 12. Prevention of waste or excessive use:

In no case where the fixed rates above provided other than meter rates, are applicable, shall any charge for water be made by meter rates, it being the purpose of this Ordinance to provide for all dwelling houses a fixed monthly rate which shall not be increased by the person, company or corporation supplying water.

Provided, however, that for the purpose of discovering and repressing waste or excessive use, all persons, companies or corporations shall have the right in all cases to apply and maintain meters to measure the water used or consumed,

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and to charge and collect for waste or excessive use under the condition and to the extent hereafter provided in this section, and not otherwise.

No consumer shall be deemed guilty of waste or excessive use unless the water used or consumed upon his premises in any month shall exceed by fifty (50) per cent the number of cubic feet which at regular meter rates amount to his rated bill, in which case such excess shall be deemed waste or excessive use.

Immediately after the discovery of any waste or excessive use, the consumer shall be notified thereof by the person, company or corporation supplying water by notice mailed to his address or to the agent or person to whom his water bills are presented for collection.

After such notice the consumer may be charged and there may be collected from him for any waste or excessive use thereafter occurring upon his premises at regular meter rates, but such charge or collection shall not exceed for the first month the sum of two dollars ($2.00), for the second month the sum of four dollars ($4.00), or for any following month the sum of five dollars ($5.00).

BOARD OF PUBLIC WORKS TO EXAMINE COMPLAINTS, ETC.

It shall be the duty of the Board of Public Works, by its Gas, Water and Electrical Inspector of this City and County, to inquire into all cases of complaints by water consumers as to charges made against them for waste or excessive use under the foregoing provisions of this section, and to adjust such charge as follows:

Any water consumer against whom a water bill is presented containing a charge for waste or excessive use of water may within five days after such bill is presented to him (provided that he first pay the fixed rate charged on such bill, exclusive of the charge made for said alleged waste or excessive use) make complaint to said inspector that such charge is incorrect. whereupon the said inspector shall promptly inspect the premises of the consumer so complaining and cause a test to be made of the water meter upon said premises, and from such inspection and test and subsequent inspection and test as said inspector may see fit and proper to make shall determine as near as can be the amount of water used, consumed or wasted upon said premises during the period covered by said bill. As soon as such determination is made and within twenty (20) days after the said complaint is made said inspector shall make a certificate stating the amount of water so determined to have been used, consumed or wasted, and showing the true and correct amount, if anything, which may be charged against and collected from said consumer under the foregoing provisions of this section for waste or excessive use, and shall immediately transmit such certificate to the person, company or corporation supplying water, and also a copy thereof by mail to the water consumer.

The said certificate shall be conclusive between the water comsumer and said person, company or corporation as to the amount if anything, which said person, company or corporation shall be entitled to collect from the consumer for waste or excessive use of water during the period covered by the bill of which complaint is made; provided, however, that if either the consumer or the water company is dissatisfied with the certificate of the water inspector appeal may be taken within five (5) days to the Committee on Water Rates of the Board of Supervisors, which shall, within five (5) days after such appeal, hear and finally determine the matter in dispute.

The said inspector shall keep in his office a proper record or records, showing the date of each complaint made to him, the name of the consumer complaining, the location of his premises, and stating briefly the inspection made by him of the premises and the tests applied to the meter, the time or times of such inspection and tests, and the results thereof, with the reading of the

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meter at each test or inspection, and all other material facts connected therewith. Such records so kept to be open for public examination in his office.

RATES—WHEN PAYABLE.

Section 13. All water rates, except meter rates and City and County rates, are due and payable monthly in advance.

Meter and City and County rates are due and payable at the end of each month, and upon meter rates a deposit not exceeding three-fourths (¾) of the value of the estimated quantity of water to be consumed may be required.

NOTICE OF DISCONTINUANCE.

Section 14. Any consumer may at any time, upon payment of accrued rates, notify the company in writing to cut off or discontinue the water supply upon his premises, after which no charge shall be made for water for said premises until the use of water is resumed.

MAXIMUM RATES FIXED.

Section 15. This Ordinance fixes the maximum beyond which no person, company or corporation shall be permitted to charge for water supplied.

Section 16. This Ordinance shall take effect and be in force on and from July 1, 1912 to June 30, 1913.

Finally passed—Board of Supervisors, San Francisco, June 24, 1912.

Ayes: Supervisors Bancroft, Caglieri, G. E. Gallagher, Giannini, Hayden, Hilmer, Hocks, Jennings, Koshland, Mauzy, McLeran, Murdock, Murphy, Payot, Vogelsang.

Noes: Supervisors A. J. Gallagher, Nolan.

Absent: Supervisor McCarthy.

J. S. DUNNIGAN, Clerk.

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Gas and Electricity Rates

Light, Heat, Etc.

The Charter of the City and County of San Francisco, Article II, Chapter II, Sec. 1, Sub. 14, empowers the Board of Supervisors "to fix and determine by Ordinance, in the month of February of each year, to take effect on the 1st day of July thereafter, the rates or compensation to be collected by any person, company or corporation in the City and County, for the use of water, heat, light, power, or telephonic service, supplied to the City and County, or to the inhabitants thereof, and to prescribe the quality of the service."

In order that the Board of Supervisors might obtain information upon which to intelligently fix the rates or compensation to be collected by any person, company or corporation, for the use of gas or electric light or power supplied to the City and County, or the inhabitants thereof, for the year commencing July 1, 1912, the Board, on December 11, 1912, adopted the following Resolution "requiring persons, companies and corporations furnishing heat, light or power, to furnish information as to the revenue derived, the expenditure and the costs of the plant, etc.," viz.:

RESOLUTION NO. 9051. (New Series.)

RESOLVED, That the San Francisco Gas and Electric Company, the Metropolitan Light and Power Company, the Metropolitan Electric Light Company, the City Electric Company, the Standard Electric Light Company, the Alaska Light Company, the Equitable Light and Power Company, the Consumers' Light and Power Company, the South Side Light and Power Company, the Mutual Electric Light Company, the Pacific Light and Power Company, the Sierra and San Francisco Power Company, the United Railroads of San Francisco, the Sutro Baths and all other persons, companies or corporations supplying heat, light or power to this City and County or to the inhabitants thereof, be and they are hereby required to furnish this Board on or before February 12, 1912, with the following information, to wit:

First—A detailed statement showing all revenue derived by such person, company or corporation supplying heat, light or power, from all sources, for the year ending December 31, 1911.

Second—An itemized statement showing all expenditures made for the manufacture and supply of heat, light or power for the year ending December 31, 1911.

Third—The original cost and the estimated present value of the plant used for the manufacture and supply of heat, light and power.

Fourth—If it be a company or corporation the amount of the capital stock of the company or corporation outstanding, the amount of the bonds of the company or corporation outstanding, and the amount of the floating debt of the company or corporation.

The above statements to be verified by the oath of the president of such company or corporation, or of such person, as the case may be.

The object of this inquiry is in order that this Board may obtain information upon which to fix and determine, in the month of February, the rates

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or compensation to be collected by any person, company or corporation in this City and County for the use of heat, light or power supplied to this City and County or to the inhabitants thereof, and to prescribe the quality of the service, as provided under the provisions of the new Charter of the City and County of San Francisco, Article II, Chapter II, Section 1, Subdivision 14, under the title "Powers of the Supervisors."

Further Resolved, That the Clerk of this Board be and he is hereby directed to forthwith serve a certified copy of this Resolution upon the president and secretary of each company or corporation, or upon such person hereinbefore mentioned, and upon all other companies or corporations, or such persons, as the case may be, furnishing heat, light or power to this City and County or to the inhabitants thereof.

REPORT OF THE INVESTIGATION.

The investigation was conducted by the Committee on Lighting and Rates, and a report was filed on June 13, which report is as follows:

To the Honorable Board of Supervisors,
of the City and County of San Francisco:

Gentlemen:—Your Committee on artificial lighting and rates, to whom was referred by the Committe of the Whole the matter of preparing a report on rates for gas, electric light and power and heat for the fiscal year 1912-1913, begs leave to report as follows:

The Committee of the Whole held ten separate hearings on the following dates:

February 14, 1912, 8 o'clock p. m.
February 28, 1912, 8 o'clock p. m.
March 13, 1912, 8 o'clock p. m.
March 20, 1912, 7:30 o'clock p. m.
March 29, 1912, 7:30 o'clock p. m.
March 29, 1912, 7:30 o'clock p. m.
April 12, 1912, 7:30 o'clock p. m.
April 26, 1912, 7:30 o'clock p. m.
May 2, 1912, 8 o'clock p. m.
June 11, 1912, 3 o'clock p. m.
June 13, 1912, 2:30 o'clock p. m.

It interrogated the following witnesses:

John A. Britton, Vice-President and Manager of the Pacific Gas and Electric Company, which carries on the business formerly conducted by the San Francisco Gas and Electric Company.

Mr. Frederick G. Cartright, Director Consumers Light and Power Company, and of the Southside Light and Power Company, and of the Equitable Light and Power Company.

Mr. E. C. Jones, Chief Engineer of the gas division of the Pacific Gas and Electric Company.

Mr. William R. Morgan, Superintendent of Distribution of the Pacific Gas and Electric Company.

Mr. A. F. Hockenbeamer, Treasurer Pacific Gas and Electric Company.

Mr. George C. Holberton, District Manager Pacific Gas and Electric Company.

Mr. A. W. Bullard, Vice-President of the Great Western Power Company, and the City Electric Company.

Mr. Joseph D. Butler, Auditor Pacific Gas and Electric Company.

Mr. W. D. Brown, a citizen, asking for lower rates.

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Numerous statements, reports, and arguments were filed with the Committee of the Whole, are herein referred to:

Exhibit No. 1.—Showing revenue for the year 1911, and original and present cost of plant, Pacific Gas and Electric Company.

Exhibit No. 2.—Southside Light and Power Company's statement, showing gross earnings, costs of manufacture, original cost of plant, etc.

Exhibit No. 3—Equitable Light and Power Company's statement, showing gross earnings, costs of manufacture, cost of plant, etc.

Exhibit No. 4—Consumers Light and Power Company's statement, showing gross earnings, costs of manufacture, original cost of plant, etc.

Exhibit No. 5—City Electric Company's statement, showing gross earnings, costs of manufacture, original cost of plant, etc.

Exhibit No. 6—Communication from the United Railroads of San Francisco, stating that its plants are used exclusively for supplying its own system, except in very limited quantities, and of a temporary nature.

Exhibit No. 7—Statement from the Alaska Commercial Building, showing revenue derived for the year 1911, cost of manufacture, and original cost of plant.

Exhibit No. 8—Memorandum of assessment reported by the Assessor—San Francisco Gas and Electric Company, Metropolitan Light and Power Company, Mutual Electric Light Company, Southside Light and Power Company, Municipal Light and Power Company.

Exhibit No. 9—City Electric Company, additional statement of operating expenses for the year 1911.

Exhibit No. 10—Metropolitan Light and Power Company—Statement of revenues, expenditures for manufacture and cost of plant.

Exhibit No. 11—The Municipal Light and Power Company—Statement of revenues, expenditures for manufacture and cost of plant.

Exhibit No. 12—Statement of the Telephone, and Heat, and Light, and Power rates of the City of Oakland.

Exhibit No. 13—Correspondence with 21 cities with reference to light and power.

Exhibit No. 14—Pacific Gas and Electric Company—Statement of actual replacement of gas properties for year 1911; itemized statement of property values, San Francisco District; rate of wages paid and cost of labor per cubic foot of gas; statement of income; statement of expenses; cubic feet of gas made; material used; service pipes; number of consumers.

Exhibit No. 15—Sierra Light and Power Company, stating it is not in position to furnish information as to business done by said company during the year 1912.

Exhibit No. 16—Statement showing operative and non-operative values of real estate, improvements, personal property and franchises of San Francisco Gas and Electric Company; Metropolitan Light and Power Company; City Electric Company; Mutual Electric Light Company; Southside Light and Power Company; Pacific Telephone and Telegraph Company; Home Telephone Company; Spring Valley Water Company.

Exhibit No. 17—United Railroads of San Francisco—Statement of current furnished by it for the year 1911.

Exhibit No. 18—Printed pamphlet issued by the Pacific Gas and Electric Company—value of properties, detail of costs, etc.

Exhibit No. 19—Pacific Gas and Electric Company—Statement of per cent of unaccounted for gas in San Francisco for years 1876 to 1911, inclusive.

Exhibit No. 20—Pacific Gas and Electric Company—Comparison statement for the years 1910-1911 of revenue and costs.

Exhibit No. 21—Pacific Gas and Electric Company—Statement of cost of gas manufactured by the Metropolitan Light and Power Company.

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Exhibit No. 22—Circular by "The Edison Illuminating Company of Boston" referring to the price of electricity in Boston, Mass.

Exhibit No. 23—Woman's Political League of California, protesting against the raising of gas and electric rates in San Francisco.

Exhibit No. 24—Communication from Pacific Gas and Electric Company, referring to contract for oil for the year 1912, and stating that the price of oil contracted for, for the year 1912, as being 68½ cents per barrel.

Exhibit No. 25—Communication from "Residents of the Mission Road," referring to charge for service pipes by the Pacific Gas and Electric Company.

The Committee will first consider in this report the rates to be charged for gas.

The only gas producing company in San Francisco at this time is the Pacific Gas and Electric Company. They absorbed during December, 1911, the properties of the Metropolitan Light and Power Company, which had theretofore been a competitor in the gas business in the City of San Francisco.

The Committee very seriously considered the method by which gas rates should be fixed. It has been stated on behalf of the company, and it has been the custom in the past, that rates should be fixed upon the consideration of the actual sum of money earned by the company, and a comparison of this sum with the amount of money invested. To a very great extent this method of fixing the rate is mere guesswork, inasmuch as that with the expert, intricate system of bookkeeping in vogue in many of the large corporations and with the frequently excessive charges upon the books of such corporations for depreciation, and the placing of such items into operating accounts, and into expenses, when they should be properly placed to Plant Investment charges, it becomes exexceedingly difficult for the rate-making body to proceed upon this basis.

No mistake, however, can be made if a scientific method of preparing a rate is developed, if the basis of calculation for rate making purposes is the actual unit cost of the commodity, and all other items of cost and necessary revenue are constructed and added thereon. The Committee proceeded upon this line, and it finds that its conduct is borne out by the accepted theories of the most advanced rate makers. The important factors then to be considered in the making of a rate for artificial gas are:

1. Cost of the product to the company.
2. The value of the property actually in use, and actually needed in the carrying on of the business.
3. What rate of investment return should be allowed thereon.
4. An allowance for depreciation.

Ad. 1. In estimating the cost of one thousand cubic feet of gas as made by the Pacific Gas and Electric Company, the Committee relies mainly upon the statement, and the testimony offered by the Company. The cost of gas is made up from the following factors:

(a) Manufacture. This includes cost of oil from which the gas is made; the labor and material necessary in the manufacture of gas and repairs to generating plant.

The report for 1911 shows a production of 3,700,320,000 cubic feet. It accounts for gas sold and on hand to the amount of 3,212,257,500 cubic feet—leaving unaccounted for 488,062,500 cubic feet. This amount of gas was manufactured from 747,953.13 barrels of oil, for which the Company says it paid 83 cents per barrel. Testimony has been introduced showing that a greater production than the one thus indicated is possible, and is looked for by improved methods; and the testimony also indicates a production at different times of vastly more gas from each barrel than the average above would indicate. At the same time the company claims to be unable to account for the vast number of feet mentioned above, namely 488,062,500, and ascribes this

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leakage to a disturbed condition of their distributing system. This leakage would indicate an unusual percentage when compared with the allowances for "unaccounted for gas" in other communities; for instance, the Committee understands that, in Massachusetts, and in Wisconsin, the percentage allowed is 7 per cent; that, in other States it is even smaller. It is shown by the report of the Metropolitan Light and Power Company, in the statement of their operations, up to December 11, 1911 (See Exhibit No. 21), that their leakage of unaccounted for gas in 1911 amounted to only about 4½ per cent, which is proven by the following figures: Amount of gas produced by that company, 456,232,000 cubic feet; amount of gas sold during the same period, 436,831,800 cubic feet. At the same time, this company reports that it paid only 52 cents per barrel for its oil, as against the 83 cents per barrel paid by the Pacific Gas and Electric Company.

In view of this the Committee is of the opinion that no more than 7 per cent should be allowed for "unaccounted for gas;" that a greater percentage would be a heavy and unreasonable burden on the consumer, and entirely unjustified by conditions; and it is hoped and desired that, if a leakage of more than 7 per cent should really occur, inasmuch as it can then be due only to negligence on the part of the company, that this allowance of a more normal percentage for leakage and unaccounted for gas, will have the tendency of making this company keep its system of distribution in the best condition possible.

The statement of the Pacific Gas and Electric Company shows the cost of gas in the holder in 1911 to have been 27,046 cents per thousand cubic feet.

(b) Distribution—This item includes labor, material and repairs involving the distributing system and amounted, according to the statement of the company, to 13.744 cents per thousand cubic feet.

The Third important factor in the cost:

(c) Administartion—This includes Labor, Material, Legal Expenses, Fire Insurance, Bad Debts, Advertising, Damages to Persons, Rents, Taxes, and Interest on Floating Debt.

The Committee is not at this time eliminating any of these items, although it is no doubt a debatable point as to whether such items as "Legal Expense, Bad Debts, Advertising, Damages to Persons" are properly chargeable to the consumers of the community. If these charges were eliminated they would reduce the cost of Administration by about 1.7 cents per thousand cubic feet. While the committee will not eliminate these charges at this time, it does not wish to allow the insertion of these charges to become an established precedent by this acquiescence at this time.

The Company estimated a considerable item for Depreciation, which will be discussed later on, but its actual cost of Administration, according to the figures submitted, amounted to 12,889 cents per thousand cubic feet. So that, summed up, the total cost of gas during 1911 amounted to—

Manufacture	27.046	cents.
Distribution	13.474	"
Administration	12.889	"
Total	53.409	"

It is interesting to note that the statement of the Metropolitan Light and Power Company for 1911, in the same items, shows the cost to that Company to have been as follows:

(a) Manufacture	23.65	cents.
(b) Distribution	13.70	"
(c) Administration	13.93	"
Or a total of	51.28	"

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and this in spite of the fact that the Metropolitan Company had a much smaller output, and a much smaller plant. A closer comparison shows that the expense for repairs to the distributing system of the Pacific Gas and Electric Company is proportionately more than twice that of the Metropolitan Light and Power Company. One should also think that, the cost for administration of the Company producing about eight times as much gas, would be proportionately smaller, but this does not seem to be the case.

For the year 1912, it is stated, the Company is getting its oil at 68½ cents per barrel. Taking the same number of barrels of oil as were used in 1911, namely 750,000 barrels, at 68½ cents per barrel, the cost of oil to the Company would be $513,750.

Assuming that the Company again produced 3,700,000,000 cubic feet of gas, and that we allow them to lose by leakage or otherwise 7 per cent, which would roughly be 260,000,000 cubic feet—this should leave the Company 3,440,000,000 cubic feet—costing for oil 14.937 cents per thousand cubic feet.

Assuming that the Company spends the same sum for other items, of labor and repairs, etc. at the generating plant, namely, $225,699.96; this would be 6.561 cents per thousand cubic feet—making the gas in the holder cost the Company 21.498 cents.

Again assuming that the same expense would be incurred in distribution—this item would cost 12.582; and on the same basis the cost of administration would be 12.036 cents per thousand cubic feet; making a total cost of transacting every phase of the business connected with the manufacture and sale of 46.116 cents per thousand cubic feet.

As above indicated, these figures include debatable items, and they do not take into consideration the fact that the business of the Company is growing. The Company admits a growth in consumption of gas of at least three per cent. and states that it has a growth of about twelve per cent in the number of its consumers.

The Committee also finds in the testimony that a considerable portion of the gas manufactured is used for cooking and fuel purposes.

It is reasonable to assume that, while the income of the Company increases by reason of the added number of consumers and the greater consumption, that proportionately the cost of distribution and of administration becomes smaller as the business grows.

It is fair, then, in view of all these factors, to say that the total cost will be no more than 45 cents per thousand cubic feet; and the Committee entertains considerable doubt as to the justification of charges named for repairs, amounting to $190,696.01—part of which was for renewals, and as such, might properly have been charged to Capital Investment instead of to Operating Expenses.

Values of Properties Used in the Manufacture of Gas.

The Company's statement, and which they acknowledge to be misleading, shows a book valuation for these properties of $16,840,606.67; and a further statement is submitted by the Company (Exhibit No. 18), containing a report from the firm of J. G. White and Company, estimating the total value of the gas division, as of December 31, 1911, which of course includes the Metropolitan Light and Power Company, of $13,993,887.

Considerable time and attention was given to the investigation of the need of the San Francisco Gas and Electric Company to acquire at this time the properties of the Metropolitan Light and Power Company; and while the San Francisco Gas and Electric Company claims to have needed this property, sufficient testimony was adduced to show that the capacity of the works of the San Francisco Company was and is sufficiently great to be able to take care of any demand—even a most abnormal one of lengthy period—to be able to get along without the investment in so considerable a property operated by a rival concern.

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The fact is deeply impressed upon this Committee, that this purchase was unnecessary and was made, rather for the purpose of buying off or removing a competitor.

It is true that the pipes and other distributing system of the Metropolitan Company are partly in use at this time, but the purchase was unnecessary as far as the public was concerned and had the former owners of the Metropolitan Company continued their ownership, that separate ownership would have proved beneficial to the community.

The fact that the purchase of the Metropolitan Company was unnecessary is proven, since the Pacific Gas and Electric Company shut down the Metropolitan works—practically immediately after purchase, and easily managed to supply all the needs of the whole community, including that which was theretofore supplied by the Metropolitan, from its own works: namely, the Pacific works, and this despite the fact that the daily production and sale of the Metropolitan amounted to about one and a half million feet—being about 12 per cent of the average daily output of the Pacific before the purchase. And the fact that the purchase of the Metropolitan on the part of the Pacific was entirely unnecessary is further proven by the statement of the representatives of the Pacific, that the growth in the gas consumption in San Francisco is only about three per cent per annum—that this was the growth in 1911, and that it is about the growth for the first quarter of 1912.

The statements made, and those submitted by the Company, and the investigation on the part of this Committee, show that the works of the Pacific Company were capable of development far above their present output; and the Committee does not hesitate to say that the Potrero works of the Pacific Gas and Electric Company could easily produce quite a number of million of feet of gas per day more than it did prior to the purchase of the Metropolitan Company; and that, furthermore, the Company possessed a property of its own right across the County line in San Mateo county, which, in case of an emergency, could have been put into use.

The Committee determined, referring to the testimony given by Engineer Jones on page 201 of the transcript—from which it is reasonable to assume that the total capacity of the Potrero plant is easily 18 to 20 million cubic feet per day, and under pressure for short periods, the generators could no doubt be made to do more. So that an enlargement of the works, or any addition to the generating capacity would have been necessary only after from 6 to 10 years according to the present rate of growth in consumption. The Company would have been fully able to take care of the added demand by constructing additional holders if its present holders were not sufficient. It is reasonable therefore to exclude from any consideration, as far as investment return is concerned, the property acquired from the Metropolitan Company; and the Committee calls this matter to the attention of future rate making committees so that the duplication of plant equipment and of distribution system may well be borne in mind in the allowance of a sufficient income on investment actually in use and needed.

This brings us to a discussion of the rate of income which should be allowed upon property necessary in the business of the Company. Arguments have been made on behalf of the Company that it has entered into an agreement with bond holders that it would earn at least one and one-half times the interest on its outstanding bonds. Inasmuch as these bonds carry 5 per cent interest, and are issued in the amount of $10,999,000.00 outstanding on December 31, 1911, the Company need have absolutely no fear as to not earning enough from whatever rate this Committee will allow—particularly, if it is borne in mind that the bonds underlie the gas as well as the electric properties.

The amount of capital stock on December 31, 1911, was $17,098,433.33.

The Committee finds that a proper and safe and a very liberal return would be found in the allowance of 7 per cent.

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The Wisconsin State Railroad Commission deemed an allowance of 7½ per cent on a gas plant, in which was included the depreciation item, a full and fair return. So that this Committee is extremely liberal in allowing a 7 per cent return. And the New York Commission states that a return of 8 per cent, which included depreciation, would be a full and fair return on a gas property. English rate-making bodies are allowing but 5 per cent income even on the electric properties.

The Committee will allow a rate per thousand cubic feet of gas to be charged to the consumers in San Francisco, which will yield to the Company a return of 7 per cent on the value of the property actually in use and needed for the manufacture and distribution of gas to the inhabitants of San Francisco.

By reason of supplying the Metropolitan's customers from the works of the Pacific Company at this time through the distributing system in part of the Metropolitan, the annual amount of gas sold by the Metropolitan previous to their sale might be considered in comparison with the cost of distribution through the Metropolitan system.

Testimony shows that the extent of the Metropolitan system of distribution was about 51 miles of pipe; and the Committee here refers to the testimony given by Mr. Morgan, Superintendent of Distribution, as to the cost and value of pipe in the ground.

Inasmuch as the Metropolitan plant was unnecessary to be acquired by the Pacific Company, and inasmuch as independent distribution over the Metropolitan system did not cost the consumer any more than the distribution in the Pacific's system, we may completely eliminate any portion of the Metropolitan system in plant valuation.

The Committee then finds that a full and complete valuation of all the property needed and to be used by the Pacific Gas and Electric Company is $12,000,000.00. It finds 7 per cent of this sum would amount to $840,000.00, which, when divided by the number of feet of gas which the Pacific Company would generate upon the basis named above, would amount to 24.418 cents per thousand cubic feet.

If it should be claimed that the Pacific Company is now supplying consumers of the Metropolitan Company with gas, this would mean that they are producing approximately 500,000,000 feet per annum more than they did in 1911; and if they should claim they were justly entitled to a return upon the distributing system of the Metropolitan which they are using for supplying gas, it might be granted that there is merit in this contention. In that case we might assume the properties rightly in use amount to in value—$13,500,000.00; but against that we would have to figure the increased number of feet distributed by the Pacific Company, and our factor would become about 3,940,000,000 cubic feet. In fact, it might well be calculated at 4,000,000,000 cubic feet, in view of the additional increase in consumption. So, that the needed return upon the investment—figuring the same at 7 per cent, would in no case exceed the item of 24.418 cents per thousand cubic feet. On the contrary, this item should probably fall below 24 cents per thousand cubic feet, and on a basis of 4,000,000,000 cubic feet would be 23⅝ cents. The Committee, however, will allow 24.418 cents per thousand cubic feet.

It might be claimed that the allowance of 7 per cent should be a sufficient return on the investment to enable the Company to take care of depreciation. The Committee, however, is desirous of being extremely liberal with the Company, and wishes to allow the Company a certain amount to take care of depreciation. At this point the Committee will introduce a statement showing the manner in which the Pacific Gas and Electric Company computed the item of $689,096, which they claim to be depreciation for 1191.

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PACIFIC GAS AND ELECTRIC COMPANY, SAN FRANCISCO DISTRICT.

DEPRECIATION OF GAS PROPERTIES, YEAR 1911.

Classes of Property.	Value 12/31/10	%	Depreciation Amount.
Automobiles	$ 10,315.00		
Gas mains	4,490,695.00	2%	$ 89,813.90
Services	2,471,964.00	10%	247,196.00
Meters	1,026,509.00	20%	205,301.80
Lamp posts	172,614.00	10%	17,261.00
Buildings	542,693.00	2%	10,853.00
Pumps	72,363.00	10%	7,236.00
Oil tanks	85,323.00	2%	1,706.00
Water tanks and connections	10,000.00	10%	1,000.00
Generators and connections	725,055.00	2%	14,501.00
Lampblack separators	25,714.00	20%	5,143.00
Purifiers and connections	237,281.00	5%	16,369.00
Scrubbers and connections	191,083.00	2%	3,822.00
Boilers and connections	118,712.00	5%	5,936.00
Coal bunkers and connections	164,000.00	5%	8,200.00
Engines and connections	106,489.00	5%	5,324.00
Shop equipment	18,029.00	2%	3,605.00
Piping	156,500.00	2%	3,130.00
Exhausters and connections	48,543.00	5%	2,427.00
Holders and connections	1,121,351.00	2%	22,427.00
Station meters and connections	58,000.00	2%	1,160.00
Miscellaneous structures	77,469.00	20%	15,493.00
Office equipment	23,818.00	5%	1,191.00
	$12,044,620.00		$689,096.00

This item of $689,096.00 is plainly excessive. Testimony has been given, that the life of a gas property is taken to be 33 years. We are informed that it is estimated variously to run from 35 to 45 years. This Committee is of the opinion that depreciation should be computed by a sinking fund method, and it finds that, if we take the life of the gas property to be 35 years, and if we put the value of the properties for the purpose of a depreciation fund to be $14,000,000.00; that a sum of $155,008.00 at the end of each year, and compounded annually at the rate of 5 per cent would, at the end of 35 years, amount to $14,000,000.00.

The Committee believes that a computation at 5 per cent is fair inasmuch as the testimony of the Company shows that they have always been reinvesting their depreciation funds in the properties of the Company itself; and, since the bonds of the Company bear 5 per cent interest, and income on its property is greater than that, the sinking fund for depreciation should carry also 5 per cent; and the Committee is willing to allow the sum of $155,008 in this wise as depreciation. This sum, when divided by the divisor representing the number of cubic feet of gas, namely, 3,440,000,000, would indicate 4.506 cents per thousand cubic feet.

The Committee thus allows a full valuation of the property as it exists at this time.

It is interesting to note that, on December 31, 1911, there appeared upon the books of the Company a depreciation fund of $3,976,574.43; while this depreciation reserve on March 31, 1912, appears upon the books of the Company as amounting to only $839,000.

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The testimony of Mr. George C. Holberton shows that this vast depreciation reserve had been accumulated inside of four years upon the properties of the Gas and Electric works, and the difference, no doubt, was transferred to other accounts—probably as Plant Investment, or as charges to Capital account; thus increasing, the book values of the properties as they may appear at subsequent hearings and in subsequeent statements. This form of absorbing accumulated undivided profits seems to have been the custom among great corporations; however, it is unfair and should not be tolerated. It proves that greater sums have been calculated for depreciation than the risks of the business called for, and the surplus thus created is, at a later date, taken out of the account and used either for the payment of dividends when the fund is carried separately in the form of Plant Investment, or it takes the form of Stock Dividends when the money may have been reinvested in the Company itself, or the account may be juggled in some other manner unfair both to the gas consumers of the years when this surplus was claimed and allowed in the rate, or to the Stockholders of previous years who did not then get the full benefit of that year's gain.

Mains and pipes in use in the distribution of gas have a probable life of 100 years or more. Meters have a life of at least ten years. It will thus be seen, with a comparision of the depreciation statement showing the Company's calculation that their method of calculating depreciation is excessive on the very face of it.

Some rate making bodies, instead of creating a sinking fund for depreciation and obsolesence, or instead of allowing a separate annual sum continuously, set aside a greater percentage for a short period of years, or until this depreciation reserve fund has attained to a certain sum previously definitely ascertained. At that time the company is obliged to insure its own depreciation thereafter by using this accumulative fund as a reserve, or sinking, or investment fund, which in time will grow to the full value of the initial property. The percentage allowed, and the sum to which it is allowed to accrue by the community, are based upon the same theory as the one which this Committee follows and no doubt the life of the plant, and the accumulation of compound interest is taken into consideration. There may be one advantage to this latter method, and that is this—until the fund attains to the sum stipulated, which may be about 20 per cent of the plant value, the fund is inviolate; thereafter it may be considered sufficiently large to be allowed to be reinvested in the Company's own plant—the element of a great loss being eliminated to a considerable extent by that time.

Under the system which this Committee advocates the Company may, as it has done heretofore, invest in its own plant such sums as are properly liable for this sinking fund. The Company no doubt found this highly profitable and advantageous heretofore, and it appears likely to this Committee that the Company will find it profitable to do so in the future.

The items which thus make up the rate properly chargeable for Gas will appear as follows:

1.	Cost of gas as produced, delivered and collected for per thousand cubic feet, 45 cents	45
2.	Investment return 24.418	24.418
3.	For Depreciation Sinking Fund, 4.506	4.506
	A total of 73.924 cents	73.924

cents per 1000 cubic feet.

In order to provide for any further contingencies, the Committee allows an additional 1.076 cents per thousand cubic feet; thus making the maximum charge allowable in San Francisco for the fiscal year 1912-1913, 75 cents per thousand cubic feet of gas.

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With reference to the quality of gas furnished, the Committee is of the opinion that a candle power of 18 minimum per cubit foot would be sufficient. The ordinance now in effect prescribes a minimum of 600 British Thermal Units and the Committee is of the opinion that this minimum should be maintained.

The Committee also recommends that the gas furnished to the people of San Francisco should contain no sulphuretted hydrogen, and that it may not contain more than 25 grains of sulphur per hundred cubic feet; nor more than five grains of ammonia per hundred cubic feet. We recommend, furthermore, that the pressure shall not be less than two inches nor more than nine inches water in height against atmospheric pressure.

This Committee has carefully considered all the arguments to put forth in behalf of the Company, as well as for the people. It desires to be eminently fair to all concerned. It takes pleasure in stating that the quality of gas served the community is of a very high grade and very satisfactory; and it believes that the departmental heads of the Company are men of very rare and exceptional technical skill and knowledge. And the Committee, furthermore, recognizes that the relations of a great public service corporation and the community are in the nature of a partnership—that one depends upon the other, and that they must mutually assist each other.

We desire, therefore, to state that we have wished to fix a true and scientific basis of calculations for rate making purposes; and that we believe that the rate so fixed yields a very liberal and fair income to the Company—securing it in the growth, and development, and the safe-guarding of its interests, and giving to the community at the same time that small benefit which the growth of the community itself and the natural advantages of the situation contribute to. The saving in the cost of gas to the community in round numbers is estimated at about $150,000 to $200,000.

ELECTRIC CURRENT.

As in the matter of gas rates, this Committee wishes to state that it considers of prime importance the actual cost of the electric energy produced. This must form the basic item of the rate to be determined; whatever is added thereto must be to give the company a safe return on its investment, and to enable it to keep its investment secure and protected in depreciation and obsolesence.

From the statements and testimony submitted, we find that there are several companies operating in the manufacture and sale of electric energy and light—some of them operating with a small capital and in a very limited territory; others, like the City Electric Company and the Pacific Gas and Electric Company, with a considerable plant investment, and over a more extended field.

With reference to the City Electric Company, their statement shows a particularly favorable condition—they produce electric energy at a cost of .550 cents per kilowatt-hour, distributing at a cost of .061 cents per kilowatt-hour, with an administration expense of .301 cents per kilowatt-hour, or a total of .912 cents per kilowatt-hour, sold; against which they have obtained a price of 1.909 cents per kilowatt-hour, sold. This company states the original cost of its plant to be approximately $7,700,000. Inasmuch as this company has placed its business upon a very unusual and exceptionally remunerative basis, by reason of the fact that it has entered into a contract for the sale of a very considerable quantity of power to one customer, it would be unfair to take the condition of this company as the basis for fixing rates. The committee will therefore take the condition of the Pacific Gas and Electric Company as that of a representative concern.

The firm of J. G. White & Co. places a valuation, as of December 31, 1911, upon the electric properties of the Pacific Gas and Electric Company in San

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Francisco at $11,152,006. In its statement submitted to the Board of Superviosrs, the Pacific Gas and Electric Company estimates the depreciation which occurred in its plant during 1911, or the amount properly chargeable therefor, as .709 cents per kilowatt-hour, or a total sum of $543,268.16. This item the Committee will, at this time, eliminate, in order to take it up later on.

The statement then shows the following items of cost of electric energy:

Generating	1.060
Distribution	.505
Administration	.582
A total of	2.147

cents per K. W. H.

The Committee wishes to allow the company a full and fair return on the property in use, and it takes the valuation placed upon it by J. G. White & Co., disregarding at this time, without prejudice, for further consideration, the possibility that the acquisition of the Mutual Electric Company plant for the sum of $1,294,230 during the year 1911 was unnecessary, and the further possibility that these properties are not completely in use or needed for the purpose of furnishing the community with electricity.

On the basis of the number of kilowatt-hours sold during 1911, namely, approximately 68,800,000 kilowatt-hours, and allowing an income of 7 per cent upon $11,000,000, the apportionment per kilowatt-hour would be 1.119 cents.

Depreciation.—The Committee, upon the best information which it could obtain, estimates the life of an electric plant at twenty years. It takes the ground that the public service corporation should be protected against the growth of obsolescence and necessary replacement of its properties. As it did in the gas rate it will follow the method of providing a sum for a sinking fund which, with compound interest at 5 per cent, would, at the end of twenty years produce the total value of the property as it now appears, namely, $11,000,000. This sum is found to be $332,673, and the Committee considers this a very full and ample figure, particularly in view of the fact that it takes a valuation of $11,000,000, although, for rate fixing purposes, possibly a much smaller sum should suffice. This sum for a depreciation sinking fund, when apportioned over the number of kilowatts sold during 1911, would give the figure .483 cents per kilowatt-hour; and adding all these items together, the company should be entitled to a rate or rates for electric current, for lighting and power, equivalent to the sum of these items, namely:

Representing actual cost	2.147
Representing investment return	1.119
Representing depreciation sinking fund allowance	.483
Total	3.749

cents per K. W. H.

The testimony of the company shows, furthermore, that its cost of generating electricity will be reduced henceforth through the lower cost of oil, and possibly through improved methods of manufacture. The company will also extend its use of hydro-electric energy, which is decidedly cheaper than steam generated electric energy; and the company will furthermore benefit very materially by the natural great growth in consumption of electric energy in this city.

It has recently entered into a contract with the municipality for furnishing a considerable quantity of electric power, and it has again obtained the contract for lighting public buildings, streets, parks, etc., both of which will mean

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a substantial increase in the income of the company, this increase representing practically a clear profit to the company without large additional expense to them.

In view of all these circumstances the Committee recommends a reduction in the rates charged for electric current, for lighting and for power, from the rates now in existence.

The present rate charged for electric light current is a graduated rate with a top rate for the smallest consumption, of 9 cents per kilowatt-hour. Special attention has been given to the claim of the company, and of other experts that this rate of 9 cents for the smallest consumption is not excessive; but the Committee finds that the graduated rate scale is irregular, calling for interpretation on the part of the public, and that the present rates may, in full justice to the company, be lowered materially for the various classes of consumers, according to the quantity consumed; and it desires to establish a flat basis of rates, as follows:

$1.00 per month minimum charge for up to 1250 W. H.

8 cents on from 1250 to 2000 W. H. per 16 C. P. incandescent lamp per month.

7 cents on from 2000 to 3000 W. H. per 16 C. P. incandescent lamp per month.

6 cents on from 3000 to 5000 W. H. per 16 C. P. incandescent lamp per month.

5 cents on from 5000 to 9000 W. H. per 16 C. P. incandescent lamp per month.

4 cents on from 9000 W. H. upwards per 16 C. P. incandescent lamp per month.

This shows the following reductions:

9c reduced to 8c.
8.55c reduced to 7c.
8.10c and 7.65c reduced to 6c.
7.20c, 6.75c, 6.30c and 5.85c reduced to 5c.
5.40c reduced to 4c.

The Committee does not desire to disturb the present minimum charge of $1 per month for the maintenance of a meter to any consumer whose bill for current furnished during such month does not exceed $1, inasmuch as it considers this a reasonable and legitimate charge.

The Committee recommends the following rates for arc lights:

For each arc light burning twenty-four hours, $5 per week.

For each arc light burning from sunrise to sunset, $3 per week.

For each arc light burning from sunset to sunrise, $2.25 per week.

For each arc light burning from sunset to midnight, $1.75 per week.

For each arc light burning for six nights from sunset to 9:30 p. m., $1.40 per week.

The Committee believes that a lowering of the 9-cent rate for the smallest consumption will be conducive to an increase in the consumption of electricity, and that whatever loss in income the company might anticipate on this account it would amply be reimbursed for by the added consumption of electric current; however, until it can make further investigation it hesitates to put a radically lower rate for the minimum quantity into operation; but it is desirous, nevertheless, of securing to the smaller consumer the benefit of a lower rate, and it has therefore fixed the maximum rate at 8 cents for the consumption of from 1250 to 2000 watt-hours, which reduction secures to the consumer a lower rate than heretofore.

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The argument of the Company appears to be reasonable. We realize that it must install a lighting service, and a distributing system, and current sufficient for a possible peak load—the consumer using their equipment, and their current but a very small portion of the time than which they must hold themselves in readiness for service to him, is not entitled to as low a basis of rate as the consumer who helps them to use up a greater portion of their output, and who helps them to earn an income on their investment.

HEAT AND POWER.

The Committee recommends the same maximum rates for electric current used for heat or power as for that used for lighting, each horsepower of motor capacity connected being considered as equivalent to 12½ sixteen candle power incandescent lamps.

The Committee believes to have found a measurably good solution of the question of rates for electric current, and presents this report in the full conviction that the rates named herein are fair to the Company and favorable to the community, inasmuch as they should effect a saving to the community of fully $200,000 per annum on electricity. We wish to point out that the schedule of rates here proposed benefits all classes of consumers, but particularly the users of electricity in households and in domestic purposes.

CONCLUSION.

In summing up our work we will say that we have aimed to be liberal and fair throughout in all the calculations made. In many instances items of value have been taken into account which are at least debatable, and a return has been allowed to the Company on properties which the Committee strongly believes are not in use and unnecessary in the conduct of the business. We would refer for instance to a portion of the gas distributing system. Testimony shows that a portion of this system, consisting of old mains and pipes, is neither needed nor used for the distribution of gas. At the same time it presumably has received a valuation in the estimate made by J. G. White and Company.

We also wish to point out that in calculating depreciation of the gas properties we have allowed a valuation of $14,000,000 as for properties necessary or in use, which is clearly a greater sum than could justly be even claimed, inasmuch as it includes real estate which should properly be excluded.

The Committee has allowed to the Company full reimbursement for all the money spent for repairs, renewals and maintenance, both in the naming of the gas rate, as well as in the naming of the rate for electricity.

It might therefore have been possible for the Committee to reduce the rates still lower, but the Committee believes that these rates will be of such great benefit to the community that the community can well afford to continue to encourage its public service corporations in the development and extension of their service, both with regard to the physical properties as well as with an eye to the efficiency thereof.

Respectfully submitted,

E. L. NOLAN, Chairman.
HENRY PAYOT,
ADOLF KOSHLAND.

The following are the principal exhibits filed in this matter:

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EXHIBIT NO. 1.

STATEMENT OF THE PACIFIC GAS AND ELECTRIC COMPANY SAN FRANCISCO DISTRICT.

To his Honor Mayor Rolph, and
The Honorable Board of Supervisors,
Of the City and County of San Francisco.

Gentlemen:—Pursuant to your request the PACIFIC GAS AND ELECTRIC COMPANY, SAN FRANCISCO DISTRICT, begs to submit the following statement for the year 1911.

First:

GAS.

Revenue:		
From sales of gas	$ 2,820,531,68	
COSTS:	2,404,724.84	
Gain for year—Sales of Gas		$ 415,806.84

ELECTRIC.

Revenue:		
From sales of current	2,730,247.96	
COSTS:	2,019,859.86	
Gain for year—Sales of Current		710,388.10
Total Gain for year—Gas and Electricity		$ 1,126,194.94
Revenue from all other sources:		
Gas	$ 82,644.70	
Electric	58,794.83	
Steam	30,238.20	111,201.33
		$ 1,237,396.27
Deduct Bond Interest and Sinking Fund		542,637.76
Gain for Year		$ 694,758.51

Second:

ORIGINAL COST OF PLANT.

Gas	$16,803,639.88	
Electric	6,535,216.85	$23,338,856.73

PRESENT COST OF PLANT.

Gas	Plant	$12,311,267.30		
	Pipes	7,972,882.30		
	Meters	1,076,313.31		
	Lamps & Posts	186,713.00	$21,547,175.91	
Electric	Plant	$9,470,846.51		
	Conduits	2,691,158.98		
	Meters	512,865.42		
Steam	Plant	182,864.09	12,857,735.00	
Present value of the plant				$34,404,910.91

Respectfully submitted,
PACIFIC GAS AND ELECTRIC COMPANY,
JOHN A. BRITTON, Vice-President and Gen'l Manager.

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EXHIBIT NO. 2.

STATEMENT OF SOUTHSIDE LIGHT AND POWER COMPANY.

San Francisco, February 14, 1912.

To the Honorable The Board of Supervisors, of the
City and County of San Francisco, California.

Gentlemen:—In accordance with Resolution No. 9051 (New Series), we beg to submit the following statement:

First:	
Gross earnings—Sales of Electricity and Steam	$ 14,330.71
Second:	
Costs of manufacture, including maintenance, general expense and bond interest	15,268.03
Third: Original cost of plant	1,576,604.20
Fourth: Capital Stock	1,000,000.00
Fifth: Bonds issued	400,000.00
Sixth: Floating debt	201,145.21

Yours very respectfully,
SOUTHSIDE LIGHT AND POWER COMPANY,
Per CHAS. MURPHY, Manager.

CM:MK

EXHIBIT NO. 3.

STATEMENT OF EQUITABLE LIGHT AND POWER CO.

San Francisco, February 14, 1912.

To the Honorable The Board of Supervisors, of the
City and County of San Francisco, California.

Gentlemen:—In accordance with Resolution No. 9051 (New Series), we beg to submit the following statement:

First:	
Gross earnings—Sales of Electricity and Steam	$ 79,406.08
Second:	
Costs of manufacture, including maintenance, general expense and bond interest	88,690.74
Third: Original cost of Plant	1,819,879.65
Fourth: Capital Stock	750,000.00
Fifth: Bonds issued	365,000.00
Sixth: Floating debt	271,385.33

Yours very respectfully,
EQUITABE LIGHT AND POWER COMPANY,
Per CHAS. MURPHY, Manager

CM:MK

EXHIBIT NO. 4.

STATEMENT OF CONSUMERS LIGHT AND POWER COMPANY.

San Francisco, February 14, 1912.

To the Honorable The Board of Supervisors of the
City and County of San Francisco, California.

Gentlemen:—In accordance with Resolution No. 9051 (New Series), we beg to submit the following statement:

First:	
Gross earnings—Sales of Electricity and Steam	$ 91,725.21

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Second:	
Costs of manufacture, including maintenance, general expense and bond interest	102,765.77
Third: Original cost of plant	412,759.15
Fourth: Capital stock	100,000.00
Fifth: Bonds issued	100,000.00
Sixth: Floating debt	281,605.31

Yours very respectfully

CONSUMERS LIGHT AND POWER COMPANY,

Per CHAS. MURPHY, Manager.

CM:MK

EXHIBIT NO. 5.

STATEMENT OF THE CITY ELECTRIC RAILWAY.

February 9th 1912.

The Honorable Board of Supervisors,
City and County of San Francisco, California.

Gentlemen:—Persuant to your resolution No. 9051 (New Series, we respectfully submit herewith, statement of City Electric Company, for the year ending December 31st, 1911:

First:		
Gross earnings—Sales of current	$ 931,800.88	
Steam service	480.55	$ 932,281.43
Second:		
Maintenance	$ 40,293.18	
Operation	241,076.52	
Distribution	27,259.75	
General office expense	101,947.11	
Taxes	29,892.53	
Bad Debts	4,658.13	
Bond interest	85,000.00	
Depreciation	120,000.00	$ 650,127.22
Third:		
Original cost		7,707,801.91
Fourth:		
Capital stock issued		5,000,000.00
Bonds Issued		2,400,000.00
Floating debt		259,280.06

Respectfully submitted,

CITY ELECTRIC COMPANY,

C.E.M.—B. By E. W. FLEISHHACKER, President.

EXHIBIT NO. 6.

STATEMENT OF UNITED RAILROADS OF SAN FRANCISCO.

San Francisco, December 20, 1911.

Mr. W. R. Hagerty, Clerk of the Board of Supervisors,
San Francisco, Calif.

Dear Sir:—In your communication of the 16th inst., you direct the attention of this Company to the provisions of Resolution No. 9051 (New Series) of the Board of Supervisors.

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In reply I will say that this Company is not engaged in the business of nor operating its plants for the sale of electric power, heat or light to the City and County or to the inhabitants thereof. Its plants are used exclusively in supplying light, heat and power in the operation of its street railway system. It does not, nor never has furnished light, heat, or power to any of the inhabitants of this City and County, excepting on a few occasions it has furnished electric power, in very limited quantities, and as a special accommodation to a few parties who were temporarily unable to obtain same from the regular lighting and power companies.

Respectfully yours,

GEORGE B. WILLICUTT, Secretary and Controller.

EXHIBIT NO. 7.

STATEMENT OF ALASKA COMMERCIAL BUILDING.

San Francisco, Feb. 6, 1912.

W. R. Hagerty, Esq., Clerk, Board of Supervisors,
70 Eddy St., San Francisco, California, U. S. A.

Sir:—Replying to your letter December 16, 1911, enclosing copy of Resolution No. 9051 (New Series), and in compliance we herewith give you the following figures:

First: The revenue derived by us for the year ending December 31, 1911, was:

For Steam Heat	$ 3,786.00
For Power and Light	9,597.04
A total of	$13,383.04

Second:

Expended for manufacture and supply, including payroll, fuel oil, maintenance, water and supplies	13,102.70

Third:

The original cost of the plant	61,609.18
Present value of plant	60,000.00

Trusting this will comply with the requirements of the Resolution, we are,

Very respectfully,

ALASKA COMMERCIAL BUILDING,

E.K.P. LOUIS GREENBAUM, Secretary.

EXHIBIT NO. 8.

MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR.
SAN FRANCISCO GAS AND ELECTRIC COMPANY.

Real Estate, operative	$ 428,890.00
Improvements, operative	2,373,450.00
Real Estate, non-operative	293,030.00
Improvements, non-operative	28,800.00
Personal property	7,527,805.00
Franchise	500,000.00
Total	$11,151,975.00

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MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR.
METROPOLITAN LIGHT AND POWER CO.

Real Estate, operative	$ 90,640.00
Improvements, operative	151,000.00
Personal property	288,640.00
Franchise	25,000.00
Total	$ 565,280.00

MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR.
CITY ELECTRIC COMPANY.

Real Estate, operative	$ 23,520.00
Improvements, operative	38,000.00
Personal property	802,636.00
Franchise	600,000.00
Total	$ 1,464,156.00

MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR.
MUTUAL ELECTRIC LIGHT COMPANY.

Real Estate, operative	$ 36,820.00
Improvements, operative	15,000.00
Personal property	896,943.00
Franchise	1,000.00
Total	$ 449,763.00

MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR.
SOUTHSIDE LIGHT & POWER CO.

Personal property	$ 140,000.00

MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR.
MUNICIPAL LIGHT & POWER CO.

Real Estate, operative	$ 15,600.00
Improvements, operative	18,000.00
Personal property	150,000.00
Franchise	1,000.00
Total	$ 184,600.00

EXHIBIT NO. 9.

OPERATING STATEMENT OF THE CITY ELECTRIC COMPANY FOR THE YEAR ENDING DECEMBER 31, 1911.

REVENUE RECEIVED.

Rent of Street Arc Lamps	$ 000.00
Sale of Current by Meter, Incandescent and Arc Lights	400,687.58
Sale of Current by Meter, Motors and Mixed Service	531,113.30
Elevator Service—Not Separable	
Sales of Water, Steam and Hot Water	480.55
Total	$ 932,281.43

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Expenditures made for the Manufacture and supply of Heat, Light, Power, etc.—

Manufacturing as per record:	Misc. Service,	Elect. Service.	
Fuel	612.27	207,183.98	$ 207,796.25
Water		4,404.52	4,404.52
Oil and Waste		1,077.83	1,077.83
Labor	711.06	25,269.26	25,980.32
Repairs to Motive Power		22,005.72	22,005.72
Repairs to Electric Apparatus		5,489.36	5,489.36
Miscellaneous Supplies	101.65	1,817.60	1,919.25
Total			$ 268,673.25

Distribution as per record—	
Repairs Subway and Conduits	$ 2,631.04
Repairs Arc Lamps Motors and Meters	4,044.20
Labor	14,188.88
Globes	000.00
Misc. Supplies and Expense	8,935.38
Total	$ 29,799.50
General Expense as per record—	
Maintenance Station and Buildings	$ 2,824.44
Labor	24,039.75
Rents Due and Accrued	5,400.00
Insurance Due and Accrued	9,789.45
Taxes Due and Accrued	29,892.53
Salaries—Office and Official	56,097.81
Damages, Injuries and Legal Expense	2,190.17
Miscellaneous Expense	16,420.32
Total	$ 146,654.47
Gain in Operation January 1st, 1911, to December 31, 1911, inc.	$ 487,154.21

Other Cost of Operation—		
Bond Interest	85,000.00	
Depreciation	120,000.00	
Total		$ 205,000.00
Net Gain in Operation January 1, 1911, to December 31, 1911, inc.		282,154.21
Kilo-Watt Hours Sold	48,800,744	
Manufacturing cost per K. W. Hours Sold	.550	Cts.
Distribution cost per K. W. Hours Sold	.061	"
General Expense per K. W. Hours Sold	.301	"
Total Cost per K. W. Hours Sold	.912	"
Price Obtained per K. W. Sold	1.909	"
Original Cost Approximately		$7,707,801.91
Estimated Present Value of Plant		$7,707,801.91

EXHIBIT NO 10.

STATEMENT OF METROPOLITAN LIGHT AND POWER COMPANY.

San Francisco, Cal., January 29, 1912.

To the Honorable Board of Supervisors,
of the City and County of San Francisco,
State of California.

Gentlemen:—Referring to your Resolution No. 9051 (New Series) adopted December 11th, 1911, the Metropolitan Light & Power Company begs to submit the following statement as required by said Resolution:

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ANSWER NO. 1.

The following is a detailed statement showing all revenue derived by such Corporation from all sources for the year ending December 31st, 1911:

Gas Revenue	$ 364,092.83
Other Revenues	3,350.19
Excess Department Revenue	39,664.15
Total	$ 407,107.17

ANSWER NO 2.

The Metropolitan Light & Power Company submits an itemized statement showing all expenditures made for the manufacture and supply of Gas for the year ending December 31st, 1911:

Manufacturing Expense	$ 105,552.28
Maintenance of Works	4,302.45
Distribution	31,310.12
Commercial Expense	21,065.17
General Expense	37,103.29
New Business Expense	11,317.85
Storeroom Expense	1,981.51
Total	$ 212,632.67

ANSWER NO. 3.

The Metropolitan Light & Power Company submit as the original cost and the estimated value of the Plant on December 31st, 1911, the following:

A—Original Cost of Plant	$6,853,807.79
B—Estimated present value of Plant	6,853,807.79

ANSWER NO. 4.

The Metropolitan Light & Power Company submits the amount of Capital Stock of the Company outstanding, the amount of Bonds of the Company outstanding, and the amount of Floating Indebtedness to be as follows:

A—Amount of Capital Stock Outstanding	$5,000,000.00
B—Amount of Bonds Outstanding	1,625,000.00
C—Amount of Floating Indebtedness	21,777.80

Respectfully submitted,

METROPOLITAN LIGHT & POWER CO.
CHAS. G. LYMAN, Secretary.

CITY AND COUNTY OF SAN FRANCISCO.
STATE OF CALIFORNIA, } SS

CHARLES G. LYMAN being first duly sworn, deposes and says; That he is the Secretary of the Metropolitan Light & Power Company, and that the foregoing statements for the first eleven months and eleven days of the year 1911 are true and correct to the best of his knowledge and belief.

CHAS. G. LYMAN, Secretary.

Subscribed and sworn to before this 23d day of February, A. D. 1912.

R. J. CANTRELL.
Notary Public in and for the City and County of San Francisco, State of California.

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EXHIBIT NO. 11.

OPERATION STATEMENT OF THE MUNICIPAL LIGHT AND POWER COMPANY FOR THE YEAR ENDING DECEMBER 31, 1911.

First—Revenue Derived:				
Rent of Street Arc Lamps			$ 56.60	
Sale of Current by Meter (Incandescent and Arc Lights)			68,385.82	
Sale of Current by Meter (Motors and Mixed Service)			28,340.63	
Elevator Service to Claus Spreckels Building and San Francisco "Call"			6,246.00	
Sales of Water, Steam and Hot Water			7,309.85	
Total				$110,338.90
Second—Expenditures Made for the Manufacture and Supply of Heat, Light, or Power:				
Manufacturing as per Record—				
	Misc. Service	Elect. Service		
Fuel	$3,840.00	$29,874.79		
Water	600.00	1,187.45		
Oil and Waste	150.00	358.68		
Labor	1,134.00	12,537.89		
Repairs to Motive Power		4,984.33		
Repairs to Electric Apparatus		519.96		
Miscellaneous Supplies		1,508.70		
			$ 56,695.80	
Distribution as per Record—				
Repairs—Subway and Conduits		$ 918.77		
Repairs—Arc Lamps, Motors and Meters		40.84		
Labor		3,194.95		
Carbons		32.74		
Globes		13.30		
Incandescent Renewals		2.12		
Misc. Supplies and Expense		126.51		
			$ 4,329.23	
General Expense as per Record—				
Maintenance Stations and Bldgs.		$ 37.60		
Rents Due and Accrued		6,888.90		
Insurance Due and Accrued		27.49		
Taxes Due and Accrued		52.00		
Salaries—Office and Official		10,711.35		
Damages, Injuries and Legal Exp		354.02		
Miscellaneous Expenses		674.10		
Publicity		1,068.66		
			$ 19,814.12	
				$ 80,839.15
Gain in operation for year ending Dec. 31, 1911				$ 29,499.75

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Third—The Original Cost $691,940.06
Present Estimated value of the plant used for the manufacture and supply of light, heat and power 547,233.73

Fourth—Conducted by the estate of Claus Spreckels, Deceased, for convenience, under the name of the Municipal Light & Power Company:

EXHIBIT NO. 14.

DETAILED STATEMENT OF PACIFIC GAS AND ELECTRIC COMPANY, SAN FRANCISCO DISTRICT, 1911.

QUERIES OF THE BOARD—GAS.

Question No. 1:—Replacement of Gas Properties for Year 1911.
Answer:—Actual Replacement of Gas Properties for year 1911.....$107,771.62
Question No. 2:—Statement of the value of Property of the Pacific Gas and Electric Company, San Francisco District, in actual use.

GAS.

Answer:—	Value Dec. 31st, 1911.
Real Estate	$ 2,029,192.00
Automobiles	20,724.00
Gas Mains	4,648,536.00
Services	2,530,897.00
Meter and Connections	1,071,000.00
Lamps and Posts	254,077.00
Buildings	542,693.00
Pumps	74,832.00
Oil Tanks	85,323.00
Water Tanks and Connections	10,000.00
Generators and Connections	748,173.00
Lampblack Separators	25,714.00
Purifiers and Connections	327,381.00
Scrubbers and Connections	202,641.00
Boilers and Connections	124,663.00
Engines and Connections	106,489.00
Shop Equipment	18,029.00
Piping	161,864.00
Exhausters	48,543.00
Holders and Connections	1,262,096.00
Station Meters and Connections	38,411.00
Miscellaneous Structures	78,719.00
Office Equipment	32,244.00
Metropolitan Light and Power Company	2,175,156.67
Warehouse Stock (Material and Supplies)	82,858.00
Working Capital—Accounts Receivable	110,958.00
Working Capital—Cash	29,393.00
Total	$16,840,606.67

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ELECTRIC PROPERTIES IN USE, 1911.

Answer:—

	Value Dec. 31st, 1911.
Real Estate	$ 565,712.00
Outside Cable	1,029,725.00
Station Cables	44,431.00
Conduits	1,125,747.00
Edison System	823,012.00
Overhead Lines	657,003.00
Arc Lamps	85,204.00
Pole Transformers	230,115.00
Station Transformers	78,731.00
Meters	654,807.00
Maps	7,500.00
Buildings, etc.	1,088,537.00
Engines and Boilers	2,331,369.00
Generators and Switchboards	909,254.00
Regulators	12,028.00
Storage Batteries	153,938.00
Shop Equipment	54,212.00
Salt Water Tunnel Pipe	260,758.00
High Tension Switches	62,830.00
Office Equipment	30,871.00
Automobiles	32,733.00
Steam Sales Plant	182,864.00
Mutual Electric Light Co. Plant	1,294,230.00
Warehouse Stock (Material and Supplies)	148,467.00
Working Capital—(Accounts Receivable)	175,433.00
Working Capital—(Cash)	29,393.00
Total	$12,068,904.00

Question No. 4:—Cost of Labor per M cu. ft. of Gas Manufactured—San Francisco and New York.

Answer: San Francisco.

Total Labor—Purification	$ 15,681.06		
Operation	151,202.66		
		$166,883.72	.05195 per M c. f.

RATES OF WAGES PAID.

	Per Hour
Foreman—Day $175.00 per month, 8 hours per day	.6146
Foreman—Night $120.00 per month, 8 hours per day	
Gas Makers, $110.00 per month, 8 hours per day	.4582
Gas Makers' Assistants, $90.00 per month, 8 hours per day	.3750
Engineers—8 @ $120.00 per month, 8 hours per day	
1 @ $130.00 per month, 8 hours per day	
2 @ $150.00 per month, 8 hours per day Avge.	.5791
Fireman—$3.25 per day, 8 hours per day	.4062
Laborers—$2.50 per day, 8 hours per day	.3125

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FORM NO 1.—ASSETS.

	Book Values.
Real Estate and Buildings—Gas	$ 4,373,097.96
Machinery and Manufacturing Apparatus—Gas	5,661,460.10
Street Mains	7,050,429.35
Services	900,125.72
Meter and Lamps and Posts—Gas	1,246,510.41
Manufacturing and Distribution Plant—Metropolitan	2,175,156.67
Pressure Regulators	
Due for Gas	134,446.35
Coal on Hand	
Coke on Hand	
Lampblack or Briquettes on Hand	
Other By-Products on Hand	
Gas making material on hand, including Gas Oil	23,516.59
Purifying Material	1,269.65
Horses, wagons, etc.	
Sundry Accounts due Company—Gas	2,432.10
Office Furniture and Fixtures	86,100.57
Cash on Hand	4,115.00
Insurance, Advance	175.04
Other Assets, including Reserve Fund, Sinking Fund, Notes Receivable, Investments and Sundry	16,324,785.65
Total Assets per Books of Company	$37,983,621.16

FORM NO. 2.—LIABILITIES.

Capital Stock	$17,098,433.33
Unpaid Payrolls	400,224.11
Deposits	58,017.37
Bonds Issued, Outstanding	10,999,000.00
Bond Interest Accrued but not due	41,880.68
Notes Payable	130,000.00
Unpaid Dividends	1,104.94
Amounts due by Company not included in above	5,073,456.92
Total Liabilities as per books of Company	$33,802,117.35
Profit and Loss Balance	4,181,503.81
Total	$37,983,621.16

FORM NO 3.—MANUFACTURING ACCOUNT, INCOME AND EXPENSES.

INCOME.

For Gas sold by meter and to Public Lamps	$ 2,793,602.21
For Gas sold to other Companies	26,929.47
From Sales of Residual products, including Coke, Lampblack, briquettes, ammoniacal liquor and tar	3,869.08
From rent of appliances	
From other Sources	78,775.62
Total Income	$ 2,903,176.38

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EXPENSES.

For Gas making material including, crude oil, coal enrichers, purifying material, water	$ 647,669.63
Wages at Works and Repairs and Maintenance at Works	221,113.43
New Apparatus and Machinery	167,241.29
Wages of Meter Takers, Clerical Labor and Supplies in Distribution and Salaries or Commissions of Collectors	242,107.60
Repairs, renewals and maintenance of Service Pipes	148,644.03
Repairs, renewals and maintenance of Meters and Lamps and Posts, etc.	42,051.98
Repairs, renewals and maintenance of Appliances rented	
New Mains	157,840.89
New Services	58,933.38
New Meters and Lamp Posts	125,953.97
New Regulators	
New Appliances	
Directors' allowances, salaries of officers, general salaries, rent of offices and general office expense	188,569.14
Taxes	121,660.17
Insurance	3,207.47
Law Expenses	14,655.31
Claims—Damages to Persons and Property	2,031.38
Bad Debts	24,000.00
Incidental Expenses	59,918.70
Gas bought	
Depreciation	689,096.00
Total Expenses	$ 2,914,694.37
Balance to Profit and Loss	$ 11,517.99

GAS.

Cubic feet of Gas made	3,700,320,000	cu. ft.
Cubic feet of Gas bought and from whom	None	
Cubic feet of Gas sold by meters and public lamps	3,116,384.500	
Cubic feet of Gas used at Works and Offices	7,620,000	
Cubic feet of Gas sold other Companies	88,253,000	
Cubic feet of Gas unaccounted for, total difference between Manufactured and Sold	488,062,500	
Daily capacity of Works, December 31st, previous year, per day	18,000,000	
Increase in capacity during year	3,000,000	
Daily capacity, Dec. 31st, year reported 1911	21,000,000	
Greatest output and date of same, Dec. 29th, 1911	16,083,000	
Least output and date of same, January 25th	6,783,000	

GENERATORS.

Process used: Crude Oil—Water Gas.		
Number and capacity of generators—11 in use.....Oil 5,	3,000,000	
Water 6,	1,000,000	
Number used in different generators—Oil in 5; Oil, Anthracite, Coal and Lampblack in 6.		
Quantity of material used in different generators.....Oil,	593,475.60	bbls.
Lampblack,		
Material used for making Steam.....Lampblack,		
Quantity of material used for making Steam.....Not weighed,		
Enricher used .....Oil,		
Quantity used	156,477.53	bbls.
Cubic feet of Gas made	3,700,320,000	

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MAINS.

Number of feet of pipe installed on Dec. 31st previous year, 1910	2,968,813
Number of feet of pipe added during year	318,282
Number of feet of pipe installed Dec. 31, year reported 1911	3,287,095

METERS.

Number of meters in use, Dec. 31st year previous	74,233
Number of meters added during year	22,266
And total number in service Dec. 31st, year reported	96,499

REGULATORS.

Number of regulators in service Dec. 31st, previous year	111
Number and size added	
And total Dec. 31st, year reported	111

APPLIANCES RENTED.

Number of appliances rented, Dec. 31st, previous year	None
Added and renewed during year	
And total number of appliances rented Dec. 31st, year reported	

SERVICES.

Number of Service pipes, Dec. 31st, year previous	58,675
Number of Service pipes added during year	12,367
Number of Service pipes, Dec. 31st, 1910	71,042

CUSTOMERS.

Number of consumers connected Dec. 31st, year previous	71,238
Number of consumers connected during year or added	32,087
Number of consumers disconnected during year	16,569
Number of consumers December 31st, 1911	86,756

EXHIBIT NO. 16.

OPERATION AND NON-OPERATIVE VALUES, MARCH 13, 1912.

San Francisco Gas & Electric Co.—		
Real Estate, Operative	$ 428,890	
Improvements, Operative	2,378,450	
Real Estate, Non-Operative	293,030	
Improvements, Non-Operative	28,800	
Personal Property	7,527,805	
Franchise	500,000	
Total		$11,151,975
Metropolitan Light & Power Co.—		
Real Estate, Operative	$ 90,640	
Improvements, Operative	151,000	
Personal Property	298,640	
Franchise	25,000	
Total		$ 565,280

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City Electric Co.—		
Real Estate, Operative	$ 23,520	
Improvements, Operative	38,000	
Personal Property	802,636	
Franchise	600,000	
Total		$ 1,464,156
Mutual Electric Light Co.—		
Real Estate, Operative	$ 36,820	
Improvements, Operative	15,000	
Personal Property	396,943	
Franchise	1,000	
Total		$ 449,763
Southside Light & Power Co.—		
Personal Property		$ 140,000
Municipal Light & Power Co.—		
Real Estate, Operative	$ 15,600	
Improvements, Operative	18,000	
Personal Property	150,000	
Franchise	1,000	
Total		$ 184,600
Pacific Telephone & Telegraph Co.—		
Real Estate, Operative	$ 126,010	
Improvements, Operative	192,900	
Real Estate, Non-Operative	69,610	
Improvements, Non-Operative	6,150	
Personal Property	4,104,215	
Franchise	1,000,000	
Total		$ 5,498,885
Home Telephone Co.—		
Real Estate, Operative	$ 61,700	
Improvements, Operative	138,500	
Real Estate, Non-Operative	5,620	
Improvements, Non-Operative	12,500	
Personal Property	2,506,050	
Franchise	75,000	
Total		$ 2,799,370
Spring Valley Water Co.—		
Real Estate and Improvements	$ 3,778,000	
Personal Property	6,977,000	
Total		$10,755,000

EXHIBIT NO. 17.

STATEMENT OF UNITED RAILROADS OF SAN FRANCISCO.

San Francisco, March 7th, 1912.

Mr. J. S. Dunnigan, Clerk, Board of Supervisors,
San Francisco, Calif.

Dear Sir:—Replying to your favor of the 26th ultimo addressed to the United Railroads of San Francisco, regarding statement of electric power, would

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advise that outside of railroad purposes, for the year 1911, this Company furnished current as follows:

San Francisco Gas & Electric Co., cluster of lights at 35th Ave. and Sloat Boulevard	$ 50.00
Mrs. T. Nelcke, 471 K. W. H. @ .07	33.04
Calif. M. E. Church, Minimum charge $1.00 per mo.	12.00
Calvary Church, 549 K. W. H. @ .07	38.46
Sutro Estate, 2178½ K. W. H. @ .07	152.53
Park Commissioners, (Golden Gate Park) 2546 K. W. H. @ .07. Minimum charge of $1.00 per 4 months	196.92
Western Addition M. H. Ass'n, 2903½ K. W. H. @ .07	203.28
C. L. Harris (Company Depot-Land End) 2099 K. W. H. .03 less 50%	31.51
City Elec. Co.—for Chutes, 640 K. W. H. @ .03	19.20
St. Paul's Church, Minimum charge of $1.00 per mo.	5.00
Williams Bros. & Henderson, 560 K. W. H. @ .07	39.20
Bluxome & Co., 395½ K. W. H. @ .07, Minimum charge of $1.00 for 1 month	28.73

Respectfully yours,

UNITED RAILROADS OF SAN FRANCISCO,
By GEO. B. WILLCUTT, Secretary.

EXHIBIT NO. 20.

COMPARATIVE STATEMENT 1910-1911.

Gas sold in 1911	3,212,257,500 c. f.
Gas sold in 1910	3,115,459,500 c. f.
Increase	96,798,000 c. f.

A gain of 3 1/10 %.

On the assumption that sales for the year 1912, will increase in the same proportion, the total sales for 1912 will therefore be 3,311,837,700 c. f.

Revenue from sales $2,820,531.68

An average rate of ..... 87,805 cents

It must be borne in mind that the maximum rate for the first six months of 1911, was 92½ cents per thousand, and for the last six months, 85 cents per thousand, and that the maximum rate for 1912, will be 80 cents per thousand. The low rate given to the City, and other large consumers, will reduce this maximum to an average of at least 78.5 cents, and on this basis, and allowing for increase in sales as above, the gross revenue will be $2,599,792.35, a decrease of $220,739.09.

The cost of Gas in the holder in 1911 was as follows:

	Cents per M.	Totals.
Oil used	17,484	$ 561,642.73
Labor	5.339	171,470.25
Material	2.535	81,440.37
Repairs to plant	1,688	54,229.71
Total	27.046	$ 868,783.06

The cost of Gas for distribution was:

	Cents per M.	Totals.
Labor	6.545	$ 211,194.35
Material	.962	30,913.25
Repairs	5.937	190,696.01
Total	13.474	$ 432,803.61

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The cost of Administration was:

	Cents per M.	Totals.
Labor	5.344	$ 171,642.93
Material	1.981	53,775.30
Legal Expenses	0.456	14,655.31
Fire Insurance	0.104	3,207.47
Bad debts	0.747	24,000.00
Advertising	0.168	5,387.51
Damages to persons	0.063	2,031.38
Rents	0.104	3,351.04
Taxes	3.787	121,660.17
Interest on floating debt	0.185	4,331.06
Total	12.889	$4,149,042.17

TOTALS.

	Cents per M.	Totals.
Manufacture	27.046	$ 868,783.06
Distribution	13.474	432,803.61
Administration	12.889	414,042.17
	53.409	$1,715,628.84

In 1912, the price of oil will be at the rate of 68.5 per barrel, and on this basis above costs will be reduced $108,743.20, it is safe to assume that all other expenses will remain the same except taxes which will be reduced $8,829.64, therefore result of 1912 would be:

Manufacture	$ 760,039.86
Distribution	432,803.61
Administration	405,212.53
Total per M	$1,598,656.00
Revenue will be	2,599,792.59
Profit	$1,001,636.59

EXHIBIT NO. 21.

METROPOLITAN LIGHT AND POWER COMPANY.

STATEMENT OF COSTS.

Cost of Manufacture:

	Cents per M.	Totals.
Oil used	.136	$ 63,238.01
Labor	.054	25,081.74
Material	.0185	8,600.17
Repairs to Plant	.028	12,934.81
Total	.2365	$109,854.73

Cost of Distribution:

	Cents per M.	Totals.
Labor	.085	$ 39,300.54
Material	.026	11,975.50
Repairs	.026	12,417.10
Total	.137	$ 63,693.14

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Cost of Administration and Depreciation:

	Cents per M.	Totals.
Labor	.0290	$ 13,463.78
Material	.0104	4,888.91
Legal expense	.0053	2,508.46
Fire insurance	.0395	18,385.10
Bad debts	.0054	2,561.50
Taxes	.0288	13,205.89
Damages to persons	.0005	214.65
Interest on Floating debt	.0204	9,506.81
Total	.1393	$ 64,735.10
Depreciation	.1965	91,323.17
Total	.3358	$156,058.27

TOTALS.

	Cents per M.	Totals.
Manufacture	.2365	$109,854.73
Distribution	.1370	63,693.14
Administration and depreciation	.3358	156,058.27
Total	.7093	$329,606.14

ORDINANCES ADOPTED.

The ordinances fixing rates for gas and electricity were passed to print on June 17, finally passed on June 24, 1912, and are as follows:

BILL NO. 2164. ORDINANCE NO. 1941, (New Series.) Fixing the minimum standard quality and illuminating power of gas and the maximum rate and price to be charged therefor, for the year commencing July 1, 1912, and ending June 30, 1913.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The minimum standard quality and illuminating and heating power of gas to be furnished by any person, company or corporation, to be used in the City and County of San Francisco, is hereby established at nineteen (19) candles, with a minimum heat value of 600 British thermal units.

The pressure shall not be less than two (2) inches nor more than nine (9) inches of water in height against the atmospheric pressure, said candle and heating power and pressure to be determined by the Board of Public Works of the City and County of San Francisco.

Section 2. The maximum rate and price to be charged and collected therefor from consumers by any such person, company or corporation for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed and established at Seventy-five (75) Cents per one thousand cubic feet.

Section 3. The maximum rate and price to be charged by any person, company or corporation for furnishing gas for lighting public buildings for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed at Seventy-five (75) Cents per one thousand cubic feet.

Section 4. The maximum rate and price to be charged by any person, company or corporation for furnishing incandescent gas lamps for lighting the public streets, parks or squares for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed at Eight (8) cents per lamp per night, including

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care, lighting and extinguishing, each lamp to be kept burning from thirty (30) minutes after sunset until thirty (30) minutes before sunrise on the next day, and the number of such gas lamps may be increased or diminished by the Board of Supervisors, and subject to any moonlight schedule the Board may adopt provided that the price of incandescent gas lamps of three lights each is hereby fixed at Fifteen (15) Cents a cluster lamp per night.

Section 5. The maximum rate and price to be charged by any person, company or corporation for furnishing gas for heating purposes for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed at Seventy-five (75) cents per one thousand cubic feet.

Section 6. All ordinances and parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 7. Any person company or corporation, or any officer or agent of any person, company or corporation, violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding five hundred ($500) dollars, or by imprisonment not exceeding six (6) months, or by both, such fine and imprisonment, and such person, company or corporation, or officer or agent of any such person, company or corporation, shall be guilty of a separate offense for every day that such violation shall continue, and shall be subject to the penalty imposed by this section for each and every separate offense.

Section 8. This ordinance shall take effect and be in force on the first day of July, 1912.

Finally Passed—Board of Supervisors, San Francisco, June 24, 1912.

Ayes: Supervisors Bancroft, Caglieri, A. J. Gallagher, G. E. Gallagher, Giannini, Hayden, Hilmer, Hocks, Jennings, Koshland, Mauzy, McLeran, Murdock, Murphy, Nolan, Payot, Vogelsang.

Absent: Supervisor McCarthy.

J. S. DUNNIGAN, Clerk.

Approved, San Francisco, June 29, 1912.

JAMES ROLPH, Mayor.

BILL NO. 2165. ORDINANCE NO. 1940. (New Series.) Fixing the maximum rate and price to be charged for incandescent and electric lights, and for electricity for heat and power purposes for the year commencing July 1, 1912, and ending June 30, 1913.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The maximum rate and price to be charged by any person, company or corporation for furnishing incandescent electric light to the City and County of San Francisco and the inhabitants thereof for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed per one thousand watt hours, as follows:

On a consumption per 16 candle power incandescent lamp to 2000 watt hours in one month, eight (8) cents.

On a consumption per 16 candle power incandescent lamp of 2000 to 3000 watt hours in one month, seven (7) cents.

On a consumption per 16 candle power incandescent lamp of 3000 to 5000 watt hours in one month, six (6) cents.

On a consumption per 16 candle power incandescent lamp of 5000 to 9000 watt hours in one month, five (5) cents.

On a consumption per 16 candle power incandescent lamp of 9000 or more watt hours in one month, four (4) cents.

In estimating the amount of current used, one arc lamp shall be equivalent to two sixteen incandescent lamps for each ampere of current used by said arc lamp.

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Section 2. The maximum rate and price to be charged by any person, company or corporation for furnishing electricity for heat and power purposes to the City and County of San Francisco and the inhabitants thereof for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed per one thousand watt hours, as follows:

On a consumption per 16 candle power incandescent lamp to 2000 watt hours in one month, eight (8) cents.

On a consumption per 16 candle power incandescent lamp of 2000 to 3000 watt hours in one month, seven (7) cents.

On a consumption per 16 candle power incandescent lamp of 3000 to 5000 watt hours in one month, six (6) cents.

On a consumption per 16 candle power incandescent lamp of 5000 to 9000 watt hours in one month, five (5) cents.

On a consumption per 16 candle power incandescent lamp of 9000 or more watt hours in one month, four (4) cents.

In estimating the amount of current used each horse-power of motor capacity connected, being considered as equivalent to twelve and one-half sixteen candle power incandescent lamps.

Section 3. The maximum rate and price to be charged by any person, company or corporation for furnishing arc lights of 7 amperes and pressure at each lamp of not less than 70 volts, or lamps of equal wattage, to the City and County of San Francisco and the inhabitants thereof for the year commencing July 1, 1912, and ending June 30, 1913, is hereby fixed as follows:

For each arc light burning twenty-four hours, $5.00 per week.

For each arc light burning from sunrise to sunset, $3.00 per week.

For each arc light burning from sunset to sunrise, $2.25 per week.

For each arc light burning from sunset to midnight, $1.75 per week.

For each arc light burning for six nights from sunset to 9:30 p. m., $1.40 per week.

Section 4. A charge of $1.00 for the maintenance of a meter during any month may be made to any consumer whose bill for current furnished during such month does not exceed $1.00, but in the event of such charge being made, no further charge shall be made for current furnished during said month to said consumer.

Section 5. All ordinances or parts of ordinances in conflict with the provisions of this ordinance are hereby repealed.

Section 6. Any person, company or corporation, or any officer or agent of any person, company or corporation, violating any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding five hundred ($500) dollars, or by imprisonment not exceeding six (6) months, or by both such fine and imprisonment, and such person, company or corporation shall be guilty of a separate offense for every day that such violation shall continue, and shall be subject to the penalty imposed by this section for each and every separate offense.

Section 7. This ordinance shall take effect and be in force on the first day of July, 1912.

Finally Passed—Board of Supervisors, San Francisco, June 24, 1912.

Ayes: Supervisors Bancroft, Caglieri, A. J. Gallagher, G. E. Gallagher, Giannini, Hayden, Hilmer, Hocks, Jennings, Koshland, Mauzy, McLeran, Murdock, Murphy, Nolan, Payot, Vogelsang.

Absent: Supervisor McCarthy.

J. S. DUNNIGAN, Clerk.

Approved, San Francisco, June 29, 1912.

JAMES ROLPH, JR., Mayor.

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Telephone Rates

TELEPHONE RATES FOR 1912-13.

The Charter of the City and County of San Francisco was amended in 1907 so as to permit the Board of Supervisors to fix the rates to be charged and collected for telephonic service.

Subdivision 14 of Chapter II of Article II of The Charter is as follows:

14. To fix and determine by ordinance in the month of February of each year, to take effect on the first day of July thereafter, the rate or compensation to be collected by any person, company or corporation in the City and County, for the use of water, heat, light, power or telephonic service, supplied to the City and County, or to the inhabitants thereof, and to prescribe the quality of the service.

Under the authority of the above provision the Board of Supervisors in February commenced an investigation preliminary to the fixing of rates for telephonic service for the year commencing July 1, 1912, and ending June 30, 1913.

By the provisions of Ordinance 342 (New Series) all persons and corporations engaged in the business of furnishing telephonic communication are required to file statements during the month of January in each year showing in detail the receipts and expenditures for the previous year; also an itemized inventory of all property used in such business. In compliance with the requirements of this ordinance communications were received from the companies engaged in the telephone business.

INVESTIGATIONS BY SUPERVISORS.

Meetings of the Board of Supervisors were held on February 7, 1912, and at several dates thereafter for the purpose of considering the matter of fixing telephone rates and the committee on Telephones and Telephone Rates was charged with the duty of conducting a further investigation and to report the necessary ordinance. During the hearings the following exhibits were filed:

EXHIBIT A.

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY.

Statement showing the number of stations in San Francisco Exchange March 1st, 1912, under each class of service.

BUSINESS—MEASURED.

Class of Service.	Rate per Mo.	No. of Mess. Inc. in rate	Charge for Mess. in excess of No. inc. in Rate.	No. of Stas.
1-Party	$ 2.50	(Service restricted to Chinatown)	5c	424
1-Party	5.00	75	5c	2473
1-Party	7.50	175	4c	1017
1-Party	9.15	240	3½c	816
1-Party	15.00	530	2½c	211
1-Party	12.47	380	3c	417
1-Party	17.48	750	2c	108
1-Party	19.57	1080	1½c	68
Total				5534

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BUSINESS PRE-PAYMENT—NICKEL-IN-THE-SLOT.

Class of Service.	Rate per Mo.	No. of Mess. Inc. in rate	Charge for Mess. in excess of No. inc. in Rate.	No. of Stas.
1-Party	$ 5.50	60	5c	2576
1-Party (Guarantee 5 calls per day at 5c per switch)			4c	948
2-Party	$ 4.50	60	5c	1495
2-Party (Guarantee 2 calls per day)			5c	556
4-Party	1.00	none	5c	1840
4-Party (Guarantee 2 calls per day)			5c	2338
Total				9753

RESIDENCE UNLIMITED.

1-Party	$ 3.50	5583
2-Party	3.00	3238
4-Party	2.50	1140
Total		9961

RESIDENCE—MEASURED.

Class of Service.	Rate per Mo.	No. of Mess. Inc. in rate	Charge for Mess. in excess of No. inc. in Rate.	No. of Stas.
1-Party	$ 2.50	(Service restricted to Chinatown)	5c	672
1-Party	3.00	125	3c	2324
Total				2996

RESIDENCE PREPAYMENT—NICKEL-IN-THE-SLOT.

2-Party (Guarantee 7½c day inc in calls)	5c	1435
4-Party (Guarantee 1 call per day)	5c	20427
Total		21862

PRIVATE BRANCH EXCHANGES—EXTENSIONS AND MISCELLANEOUS.

	Rate	No. of Stations.
Private Branch Ex. Stations—Wall Sets	$ .25	11961
Private Branch Ex. Stations— " "	.30	52
Private Branch Ex. Stations— " "	.35	1971
Private Branch Ex. Stations— " "	.40	27
Private Branch Ex. Stations— " "	.45	89
Private Branch Ex. Stations— " "	.50	9626
Private Branch Ex. Stations—Desk "	.60	200
Private Branch Ex. Stations— Trunk	2.50	2756
Private Branch Ex. Stations— Switchboards	5.00	793
Extensions		9378
Miscellaneous		2772
Dead Head telephones not included in above		1299
Total		38168

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SUMMARY.

	Number of Stations.
Business—Measured	5,534
Business—Prepayment—Nickel-in-Slot	9,753
Residence—Unlimited	9,961
Residence—Measured	2,996
Residence—Prepayment—Nickel-in-Slot	21,862
Private Branch Exchange Extensions and Miscellaneous	38,168
Grand Total	88,274

EXHIBIT B—THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY.

STATEMENT OF EARNINGS AND EXPENSES, SAN FRANCISCO EXCHANGE.

	Six Months Ending June 30, 1911.	Six Months Ending Dec. 31, 1911	Year 1911.
Earnings—			
Exchange Revenue	$1,373,972.91	$1,396,636.87	$2,770,609.78
Toll Revenue	42,776.20	50,012.99	92,789.19
Total	$1,416,749.11	$1,446,649.86	$2,863,398.97
Expenses—			
Operation—			
General	$ 15,590.83	$ 15,967.60	$ 31,558.43
Commercial	203,982.98	188,592.54	392,575.52
Traffic	297,554.41	300,901.08	598,455.49
Instrument Rental	61,323.13	62,884.10	124,207.23
Conduit, Pole and Other Space	9,910.36	12,234.63	22,144.99
Insurance, Personal Property	2,086.85	2,485.96	4,572.81
Insurance, Real Estate	632.56	705.64	1,338.20
Maintenance—			
Repairs	153,394.07	138,275.75	291,669.82
Station Removals and Changes	79,113.11	85,661.20	164,774.31
Depreciation	244,517.62	254,038.09	498,555.71
Taxes	39,817.39	45,088.05	84,905.44
Total	$1,107,923.31	$1,106,834.64	$2,214,757.95
Net Revenue	$ 308,825.80	$ 339,815.22	$ 648,641.02

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY, PLANT AND PROPERTY STATEMENT, SAN FRANCISCO EXCHANGE.

	Dec. 31, 1910.	Dec. 31, 1911.
Real Estate	$ 974,555.05	$ 988,779.12
Exchange—Pole Lines	343,933.50	351,576.09
Exchange—Right of Way	45,938.90	48,088.85
Exchange—Aerial Cable	537,403.17	550,053.85
Exchange—Aerial Wire	295,968.79	302,588.05
Exchange—Underground Conduit	1,398,342.04	1,436,938.09

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Exchange—Underground Cable	1,707,167.85	1,788,759.30
Equipment, Central Office	1,577,452.16	1,927,303.61
Equipment, Subscribers' Stations	1,434,104.40	1,677,905.76
Construction in Process	67,186.75	
Total Plant	$8,382,052.61	$9,071,992.22
Office, Furniture and Fixtures	$ 70,738.00	$ 67,047.58
Tools and Vehicles	30,541.00	42,631.70
Supplies	269,244.00	106,921.11
Total	$8,752,575.61	$9,288,592.61

THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY, PLANT AND PROPERTY STATEMENT, SAN FRANCISCO EXCHANGE ADDITIONS.

	Six Months Ending June 30, 1911.	Six Months Ending Dec. 31, 1911	Year 1911.
Real Estate	$ 220.78	$ 14,003.34	$ 14,224.07
Exchange—Pole Lines	2,940.17	4,702.42	7,642.59
Exchange—Right of Way	1,085.98	1,063.97	2,149.95
Exchange—Aerial Cable	7,981.90	4,668.28	12,650.18
Exchange—Aerial Wire	3,561.68	3,057.58	6,619.26
Exchange—Underground Conduit	8,235.36	30,360.69	38,596.05
Exchange—Underground Cable	24,726.91	56,864.54	81,591.45
Equipment, Central Office	174,386.94	175,464.51	349,851.45
Equipment, Subscribers' Stations	120,232.45	123,568.91	243,801.36
Construction in Process	16,742.98	50,443.77	67,186.75
Total Plant Additions	$326,629.14	$363,310.47	$689,939.61
Office Furniture and Fixtures			3,690.42
Tools and Vehicles			12,090.70
Supplies			162,322.89
Total			$536,017.00

State of California,
City and County of San Francisco.
SS.

F. W. EATON, being first duly sworn, deposes and says: That he is an officer, to-wit: The Secretary of the Pacific Telephone and Telegraph Company, a corporation, and that he makes this affidavit for and on behalf of said corporation; that he has read the attached statement of earnings and expenses for the year ending December 31st, 1911, and statement of plant and property as of December 31st, 1910, and as of December 31st, 1911, and a statement of additions to plant and property, year 1911, made by The Pacific Telephone and Telegraph Company; that the same are correct to the best of his knowledge and belief.

F. W. EATON.

Subscribed and sworn to before me this thirtieth day of January, 1912.

W. W. HEALEY,
Notary Public in and for the City and County of San Francisco, State of California.

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MEMORANDUM OF ASSESSMENT REPORTED BY ASSESSOR—PACIFIC TELEPHONE AND TELEGRAPH COMPANY.

Real Estate, Operative	$ 126,010
Improvements, Operative	192,900
Real Estate, Non-Operative	69,610
Improvements, Non-Operative	6,150
Personal Property	4,104,215
Franchise	1,000,000
Total	$5,498,885

EXHIBIT D—MEMORANDUM OF ASSESSMENT.

February 8, 1912.

Mr. J. S. Dunnigan,
Clerk, Board of Supervisors,
70 Eddy Street, City.

Dear Sir:—In compliance with your letter of the 7th inst., the following is a memorandum of the assessment of the Bay Cities Home Telephone Company:

Real Estate, Operative	$ 61,700
Improvements, Operative	138,500
Real Estate, Non-Operative	5,620
Improvements, Non-Operative	12,500
Personal Property	2,506,050
Franchise	75,000
Total	$2,799,370

Yours very truly,
JNO. C. CORBETT, Deputy Assessor.

Exhibit F—Map showing number of poles added to plant in San Francisco during 1911. (On File.)

Exhibit G, Part I—Maps showing blocks in which work was done in 1911 in the matter of securing rights of way for cables, etc., through private property. (On File.)

Exhibit G, Part II—Location of underground conduits and laterals for which permits were obtained in 1911. (On File.)

Exhibit H.—Detail accompanying the above maps. (On File.)

Exhibit I.—Map by City Engineer showing location of conduits of Home Telephone Company. (On File.)

COMMITTEE REPORT.

On June 17, 1912, the Committee submitted the following report:

San Francisco, June 10, 1912.

To the Honorable Board of Supervisors,
City and County of San Francisco.

Gentlemen:—Your Committee on Telephone and Rates to whom was entrusted the duty of preparing a bill fixing and determining the maximum rates or compensation to be charged for telephonic service during the coming fiscal year, respectfully, reports, that after careful consideration of the testimony given and the exhibits filed during the telephone rates hearings, it recommends for passage the bill herewith submitted fixing and determining the maximum rates to be collected and the quality of the telephone service to be furnished during the fiscal year beginning July 1, 1912, and ending June 30, 1913.

The changes made by the Bill presented from the rates at present in operation are as follows:

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BUSINESS MEASURED SERVICE.

The complement of exchange switches included with the $5.00 per month rate is increased from 75 to 80 switches.

The complement of exchange switches included with the $7.50 per month rate is increased from 175 to 185 switches.

The complement of exchange switches included with the $9.15 per month rate is increased from 240 to 250 switches.

The complement of exchange switches included with the $12.47 rate per month is increased from 380 to 390 switches.

The complement of exchange switches included with the $15.00 per month rate is increased from 530 to 540 switches.

The complement of exchange switches included with the $17.48 per month rate is increased from 750 to 780 switches.

The complement of exchange switches included with the $19.57 per month rate is increased from 1080 to 1100 switches.

Your Committee also decided that the following paragraph in Section 2 of the Ordinance now in effect should be eliminated:

"It shall be the duty of the telephone company to advise their subscribers by written notice if it is found that for three consecutive months the schedule charged is higher than the number of contract switches shown . Said notice to state:

"1. The rate charged.

"2. The number of contract switches.

"3. The number of excess switches.

"4. Advice as to average number monthly switches.

"5. Advice as to what proper schedule subscriber should be under."

Before arriving at this decision, your Committee became satisfied that the above duty imposed on the company furnishing telephonic service does not result in material benefit to the subscriber. The subscriber each month receives a bill showing the number of switches used in excess of the complement allowed under the rate paid for thus has all needed information as to the proper schedule he should be under.

The testimony of telephone officials was that from 5000 to 5500 of these notices have been sent out each quarter, with practically little result, as the reply notices received making change in the rate taken do not average more than 100 each month. Under this condition your Committee felt that the company could be relieved of the duty imposed without working any injury to the subscriber.

While your Committee has been unable to determine what effect the increases allowed in the complement of switches will have on the revenue of company, it has been informed and believes that a saving of between $30,000 and $35,000 to telephone subscribers will be made during the coming year.

Your Committee was anxious to bring about a reduction in the rates collected for residence telephones, but found, owing to limited time, that it was unable to secure the necessary data upon which to base an intelligent reduction. It was stated by the telephone company officials that a reduction in residence telephone rates would result in a loss to the company, the amount of which could not be foretold. Your Committee is of the opinion that the rates for residence telephones should be revised, but this revision cannot be intelligently made until after the books and physical properties of the company have been examined by an expert. To make this examination would require weeks of close and careful study and your Committee recommends that before the next annual rate fixing investigation your Honorable Body authorize the employment of an expert to conduct such an investigation.

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In the matter of the increase in the complement of switches allowed with each rate of business measured service, your Committee became satisfied from the statements of the company that subscribers are using more than the complement of switches allowed them under the present ordinance and that the number could be increased with advantage to the patrons and without serious loss to the corporation.

Your Committee is of the opinion that a flat rate with unlimited switching would prove of great advantage to all classes of subscribers, but is not in possession of the data required to determine what rate would be equitable and fair to both the patron and the company. Now that the public service corporations are required to make statements to the State Railroad Commission, your Committee believes that much valuable data relating to the telephone service will be available for use by your Honorable Board when the next rates investigation is commenced.

The Pacific Telephone and Telegraph Company some years ago entered into an agreement by the terms of which the city was to be allowed 600 free telephones for use of the various municipal officers, departments and bureaus. This complement of telephones has proved insufficient, owing to the growth of the city's business and at the present time the municipality is using approximately 230 more telephones than are called for in the agreement. While the company has never raised objection to this excess, your Committee deemed it advisable to take up the matter with the company officials, to the end that a new agreement be reached. The officials of the company have agreed with your Committee that they will continue this service and allow any additional telephones that may be required by the city. The company is planning to erect a station for the use of the municipality in the Civic Center area, or immediately adjacent thereto, and expects to have it in operation when the new City Hall is occupied. With the operation of this station the company expects to reduce the number of phones required by the city and at the same time give an improved service. Until this time the new agreement for city telephones will remain in operation.

Respectfully submitted,

FRED L. HILMER, Chairman.
J. EMMET HAYDEN,
OSCAR HOCKS,
Telephone and Rates Committee.

Thereupon, Supervisor Hilmer presented:

Bill No. 2161, Ordinance No. —— (New Series), entitled, "Fixing and determining the maximum rates or compensation to be collected for telephonic service in the City and County of San Francisco for the year commencing July 1, 1912, and ending June 30, 1913, and prescribing the quality of said telephonic service during said year."

Motion.

Supervisor Giannini moved to amend as follows:

Business Rates.

Reduce $5.00 rate to $4.00, increase switches from 75 to 100.
Reduce $7.50 rate to $6.00, increase switches from 175 to 200.
Reduce $9.15 rate to $7.50, increase switches from 240 to 275.
Reduce $12.47 rate to $10.00, increase switches from 380 to 425.
Reduce $15.00 rate to $12.50, increase switches from 530 to 650.
Reduce $17.48 rate to $15.00, increase switches from 750 to 1000.
Reduce $19.57 rate to $17.50, increase switches from 1080 to 1350.

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Amendment Lost.

Whereupon, the question being taken on Supervisor Giannini's amendment, same was lost by the following vote:

Ayes—Supervisors Bancroft, Caglieri, George E. Gallagher, Giannini, Jennings, Koshland, McCarthy, Murphy, Payot—9.

Noes—Supervisors Andrew J. Gallagher, Hayden, Hilmer, Hocks, Mauzy, McLeran, Murdock, Nolan, Vogelsang—9.

Passed for Printing.

Whereupon, the above entitled bill was passed for printing by the following vote:

Ayes—Supervisors Caglieri, Andrew J. Gallagher, Hayden, Hilmer, Hocks, Mauzy, McLeran, Murdock, Murphy, Nolan, Payot, Vogelsang—12.

Noes—Supervisors Bancroft, George E. Gallagher, Giannini, Jennings, Koshland, McCarthy—6.

ORDINANCE FINALLY PASSED.

The ordinance was finally passed on June 24, and is as follows:

BILL NO. 2161. ORDINANCE NO. 1942. (New Series.)

Fixing and determining the maximum rates or compensation to be collected for telephonic service in the City and County of San Francisco for the year commencing July 1, 1912, and ending June 30, 1913, and prescribing the quality of said telephonic service during said year.

Be it ordained by the People of the City and County of San Francisco as follows:

Section 1. The maximum rates or compensation to be collected by any person, company or corporation for telephonic service supplied to the City and County of San Francisco, or to the inhabitants thereof, for the year commencing July 1, 1912, and ending June 30, 1913, shall be as follows:

Business and Professional Rates.

The following maximum charges shall be made for business or professional measured service:

For a single party line telephone, business or professional, including 80 exchange switches, $5.00 per month, and for all exchange switches in excess of the number included in this rate a sum not to exceed 5 cents each.

For a single party line telephone, business or professional, including 185 exchange switches, $7.50 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 4 cents each.

For a single party line telephone, business or professional, including 250 exchange switches, $9.15 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 3½ cents each.

For a single party line telephone, business or professional, including 390 exchange switches, $12.47 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 3 cents each.

For a single party line telephone, business or professional, including 540 exchange switches, $15.00 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 2½ cents each.

For a single party line telephone, business or professional, including 780 exchange switches, $17.48 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 2 cents each.

For a single party line telephone, business or professional, including 1100 exchange switches, $19.57 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 1½ cents each.

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Business or Professional Service, With Coin-Collecting Attachment.

The following maximum charges shall be made for business or professional measured service with coin or token-collecting attachment:

For a single party line telephone, business or professional, including 60 exchange switches, $5.50 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a two-party line telephone, business or professional, including 60 exchange switches, $4.50 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a single party line telephone, business or professional, including five exchange switches per day, 25 cents per day, and for each exchange switch in excess of the number included in this rate, a sum not to exceed 4 cents each.

For a two-party line telephone, business or professional, including four exchange switches per day, 20 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a four-party line telephone, business or professional, including two exchange switches per day, 10 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a four-party line telephone, business or professional, $1.00 per month, and for each exchange switch a sum not to exceed 5 cents.

Extension Telephones.

For each extension telephone on a business or professional line the maximum charge shall be a sum not to exceed 50 cents per month.

Private Branch Exchange and Extension Service.

The following charges shall be made for private branch exchanges and for extension telephones connected with said exchanges and equipped and installed:

MONTHLY RENTAL RATES—For each switchboard and operator telephone, a sum not to exceed $5.00 per month.

For each trunk line connecting a private exchange with the telephone company exchange, a sum not to exceed $2.50 per month.

For each additional telephone connected with a private exchange and installed in the same premises (except in hotels), a sum not to exceed 50 cents per month.

For each additional telephone installed in hotels and connected with the private exchange therein:

50 cents per month each for the first fifty telephones or less.

25 cents per month each for telephones over fifty.

For each desk set in place of wall set, 10 cents per month in addition to the above rates.

MONTHLY SWITCHING RATES—For exchange switching over trunk lines of private branch exchanges, a sum not to exceed 2½ cents per month for the first 1,000 exchange switches, or less, made in any one month; for the second and third thousand exchange switches, or less, made in any one month, a sum not to exceed 2 cents per switch; and for all exchange switches in excess of 3,000 made in any one month, a sum not to exceed 1½ cents per switch, except that in the case of hotels the charge shall not exceed 2½ cents for each and every exchange switch.

Public Telephone Service.

The charge for a single exchange switch from any telephone located in the City and County shall not exceed 5 cents, and all persons, companies or corporations engaged in the business of supplying telephonic service in the City and County are hereby expressly forbidden to authorise or permit any of their

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lessees, subscribers or patrons to charge any person more than the rate above described; provided, however, that from any telephone in a hotel room connected with a hotel private branch exchange the charge for a single exchange switch shall not exceed 10 cents.

Residence Rates—Unlimited Exchange Switching.

The following maximum charges shall be made for residence flat rate service:

For a single-party line residence telephone, including unlimited exchange switching, $3.50 per month.

For a two-party line residence telephone, including unlimited exchange switching $3.00 per month.

For a four-party line residence, telephone, including unlimited exchange switching $2.50 per month.

Residence Measured Service.

For a single-party line residence telephone, including 125 exchange switches, $3.00 per month, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 3 cents each.

Residence Service With Coin-Collecting Attachment.

The following maximum charges shall be made for residence measured service with coin or token-collecting attachment:

For a two-party line residence telephone, including two exchange switches per day, 7½ cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

For a four-party line residence telephone, including one exchange switch per day, 5 cents per day, and for all exchange switches in excess of the number included in this rate, a sum not to exceed 5 cents each.

Extension Telephones.

For each extension telephone on a residence telephone line the maximum charge shall be a sum not to exceed 50 cents per month.

Names in Telephone Directory.

Any person, company or corporation supplying telephonic service in this City or County shall at least three times a year furnish free of charge to each subscriber a complete directory of all subscribers in San Francisco, and an additional copy of said directory for each extension telephone; provided, however, that for every name listed in said directory under the telephone number of a subscriber in excess of the number of main and extension telephones installed on the premises of the subscriber, a sum not to exceed 25 cents per month for each such name shall be charged.

Private Lines.

The following maximum charges shall be made for private telephones and lines not connected with a telephone exchange:

For private-line telephones, a sum not to exceed 50 cents per month each.

For private lines, a sum not to exceed $2.50 per mile per month.

Quality of Service.

Section 2. The term "Telephone" as used in this Ordinance is hereby declined to mean both a transmitter and a receiver. It shall be optional with the person demanding telephonic service to elect to take or use either portable or stationary telephonic apparatus and it shall be the duty of the person, company or corporation supplying telephonic service in the City and County to furnish such apparatus without additional cost, except as in this Ordinance provided.

The term "Exchange Switch," as used in this Ordinance, is hereby defined to mean an availing call, that is to say, a call whereby an outgoing conversation

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or message is transmitted from one telephone station within the City and County and received at another telephone station within the City and County.

No switching charge shall be made for an unavailing call, and when a nickel or token is deposited in the coin-collecting attachment for an unavailing call the same shall be returned to the person by whom it was deposited. Single conversations on party lines shall not exceed five minutes.

Upon application in writing of the owner or occupant of any building or premises distant not more than 300 feet from any underground conduit or pole line of the person, company or corporation furnishing telephonic service, and payment by the applicant of all money due from him, the person, company or corporation must within thirty days supply telephonic service as required for such building or premises, and cannot refuse on the ground of any indebtedness of any former owner or occupant thereof, unless the applicant has undertaken to pay the same.

No restriction shall be placed by any company, person or corporation supplying telephonic service upon the right of subscribers to employ operators, provided that any operator or substitute operator be employed and paid by the subscriber shall conform to the reasonable rules and regulations pertaining to the service of such person, company or corporation.

No contract shall be exacted, made or enforced that will exclude or in any manner prohibit or restrict any patron or subscriber from receiving telephonic service from any other person or corporation engaged in such business, or from installing and using in any manner that may be desired the telephones or instruments of two or more different telephone systems; nor shall telephonic service be refused for the reason that the person requesting same is a patron of another person or corporation, or using another or different telephone system.

The telephone company shall print on the reverse side of their billheads their schedules, showing the various grades of monthly rental, contract switching and excess switching, so the same can easily be understood by their subscribers, and on the front of such billheads shall appear in large type the words, "See Schedule of Rates on Other Side."

Upon demand of any person, company or corporation using business or professional measured telephonic service (excepting prepayment service) every person, company or corporation supplying telephonic service within the City and County shall install and maintain in connection with each such measured service line, a meter which shall prove effective in actual use for accurately and correctly recording the number of outgoing messages and conversations over said line, and said meter shall be subject to inspection at all reasonable times by the subscriber upon whose line the same is installed.

Section 3. Any person, company or corporation, or any officer or agent of any person, company or corporation, violating any of the provisions of this Ordinance shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine not exceeding five hundred ($500) dollars, or by imprisonment not exceeding six (6) months, or by both such fine and imprisonment, and such person, company or corporation, or officer or agent of any such person, company or corporation, shall be guilty of a separate offense for every day that such violation shall continue, and shall be subject to the penalty imposed by this section for each and every separate offense.

Section 4. This Ordinance shall take effect and be in force from and after July 1, 1912.

Finally Passed—Board of Supervisors, San Francisco, June 24, 1912.

Ayes—Supervisors Caglieri, A. J. Gallagher, Hayden, Hilmer, Hocks, Mauzy, McLeran, Murdock, Murphy, Nolan, Payot, Vogelsang.

Noes—Supervisors Bancroft, G. E. Gallagher, Giannini, Jennings, Koshland.

J. S. DUNNIGAN, Clerk.

Approved, San Francisco, June 29, 1912.

JAMES ROLPH, JR., Mayor.

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Acquisition of Water Supply

REFERENCES TO FORMER REPORTS.

The efforts of San Francisco to acquire a municipal water supply have been detailed from time to time in the Municipal Reports. In the Reports of 1909-10 the progress is detailed to July 1, 1910 (pages 1228 to 1275).

The report of the City Engineer for the year 1910-11 details the progress on the Hetch Hetchy system (pages 893-895), investigations of other sources of water supply (895-897), Report suggesting value of property of Spring Valley Water Co. (pages 898-902); Report on the proposition of Sierra Blue Lakes Water and Power Company (pages 903-918).

The report of the City Attorney for 1910-11, page 1205, contains a reference to litigation connected with the acquisition of a water supply.

PROGRESS DURING 1911-12.

The work done in the matter of securing a municipal water supply during the fiscal year 1911-12 included the sale of a portion of the bonds authorized at the election held January 14, 1910, the purchase of Cherry Creek lands from the Tuolumne Water Supply Company and the preparation of the data required by the order of the Secretary of the Interior, made May 27, 1910 (Municipal Reports 1909-10 page 1266).

SALE OF WATER BONDS.

A sale of Water Bonds (sometimes referred to as Hetch Hetchy Bonds) to the amount of $1,125,000, was advertised to take place on April 24, 1912. Only one bid was received and that for $15,000 of bonds, which bid was accepted by resolution No. 7707 (New Series). The remaining portion of the bonds was ordered placed on sale at the Treasurer's office, to be disposed of at private sale at par. Small sales were made from time to time and sufficient funds were realized to meet necessary expenses. The purchase of lands and water rights on Cherry Creek was consummated by the sellers of the property taking up bonds equal to the purchase price. During December, 1911, and January, 1912, all of the remaining bonds authorized to be sold were finally disposed of.

PURCHASE OF LANDS AND WATER RIGHTS ON CHERRY CREEK.

Under the terms of an agreement with the Tuolumne Water Supply Company, set forth in full in Ordinance No. 1125 (New Series), (Municipal Reports 1909-10 page 1268) the City and County of San Francisco secured an option on the purchase of lands and water rights described in said agreement as being located in Cherry Creek Valley, Tuolumne County.

On March 20, 1911, the Supervisors adopted a resolution in favor of taking up the option referred and directing the Public Utilities Committee of the Board to submit a contract for the sale to the City of the property described. It was found that it would be unnecessary to execute a contract of sale, and that a deed of the property would be the proper step to be taken, and therefore resolutions were adopted authorizing the Mayor to accept a deed to the property. The resolution on this subject was adopted July 10, 1911, and is as follows:

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RESOLUTION NO. 8109. (NEW SERIES).

Whereas, Under Resolution No. 7528 (New Series), the Public Utilities Committee of this Board was authorized and directed to take up the option now held by the City on the Cherry Creek lands and rights and to have prepared and submit to this Board a contract of sale of said properties by the Tuolumne Water Supply Company to the City and County of San Francisco, and

Whereas, The said Public Utilities Committee has arranged with said Tuolumne Water Supply Company for the purchase and sale of said properties by the purchase on behalf of the said Tuolumne Water Supply Company of a sufficient number of the Water Bonds now offered for sale by the Treasurer of this City and County, and

Whereas, It is impossible, under the terms of the Charter, for the said Public Utilities Committee to enter into a valid contract, as contemplated by said Resolution, until sufficient moneys to carry out the terms of said contract are in the Treasury and in a condition to be devoted to such purposes, and that by reason thereof it is greatly to the interest of the City and County of San Francisco that such a contract be not entered into, but that in lieu thereof a deed conveying all of said properties and rights to the City and County be accepted by the City and County upon the payment of the full purchase price therefor.

Now, Therefore, be it Resolved, That said Resolution No. 7528 (New Series), be and the same is hereby rescinded, and

Be it further Resolved, That the Mayor of this City and County be and he hereby is authorized to accept a deed from the said Tuolumne Water Supply Company conveying to the City and County of San Francisco all of the said lands, properties and rights for the full purchase price of six hundred and fifty-two thousand ($652,000) dollars, as follows:

For the lands, properties and rights	$600,000.00
Interest upon $600,000.00 from date of option as provided for in said option	36,000.00
Moneys expended by the Tuolumne Water Supply Company in protection and development of its lands, properties and rights	16,000.00
Total	$652,000.00

Further Resolved, That Resolution No. 8099 (New Series) be and the same is hereby rescinded.

This Resolution was followed by another adopted October 2, 1912, as follows:

RESOLUTION NO. 8579 (NEW SERIES).

Resolved, That an expenditure of $652,000.00 be and the same is hereby authorized to be made out of the "Water Construction Fund," bond issue of July 1, 1910, in payment to the Tuolumne Water Supply Company as purchase price of lands and rights on Cherry Creek as follows, to-wit:

For the lands, properties and rights	$600,000.00
Interest upon $600,000.00 from date of option, as provided for in said option	36,000.00
Moneys expended in protection and development of said lands, properties and rights	16,000.00
Total	$652,000.00

A delay occurred in the proceedings at this point, the claim having been made that the property to be transferred was incumbered by adverse water appropriations, which the Auditor required should be investigated and the legality of the transaction established to his satisfaction. This was done and in December, 1912, the transaction was consummated by the purchase of Water Bonds to the amount of $652,000 by the Tuolumne Water Supply Company and the payment of that sum for the properties and the conveyance of the same to the City and County.

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PREPARATION OF DATA FOR BOARD OF ARMY ENGINEERS.

As recited in previous reports, an order was made by R. A. Ballinger, Secretary of the Interior, in January, 1909, for the City to show cause why the Hetch Hetchy Valley Reservoir site should not be eliminated from the so-called "Garfield Permit," and by a subsequent order the matter was referred to an Advisory Board of Army Engineers to investigate the subject matter and make its findings and recommendations thereon to the Secretary of the Interior. By a subsequent order made on May 23, 1912, the Secretary specified an order of presentation of the City's case, by which order July 15th was fixed as the date when the City should file its comprehensive plans and explanations as to the proposed use and development of the Hetch Hetchy and Lake Eleanor valleys and watersheds, all in sufficient detail to present clearly what the City proposed to do.

For the purpose of preparing the statement required by the order above stated, John R. Freeman, a distinguished engineer with an international reputation, was employed to make the necessary studies and present to the engineering board a complete report covering the entire subject, to include detailed plans showing the City's intentions as to the manner of utilizing the water resources of the region.

During the past two years Mr. Freeman has devoted a great deal of time in making the necessary detailed studies of the matter and has brought to bear a wide experience gained as consulting engineer on similar large projects at Los Angeles, Boston, New York and other cities.

His report was filed with the Board of Army Engineers July 15, and comprises a volume of 400 printed pages. Owing to its length and mass of details it is impossible to present more than a summary of Mr. Freeman's report.

The Broad Viewpoint.

The subject is treated from the viewpoint, not alone of San Francisco, but of all the bay region, including the cities of Richmond, Berkeley, Oakland, Alameda, San Jose, Palo Alto, Redwood, San Mateo, and the numerous smaller communities intervening. Also taken into account is the need of water for agricultural purposes, particularly for such forms of intensive farming as will be productive of those products required for immediate consumption by a metropolitan community with a view thereby to minimize the cost of living.

The ultimate requirement for water is figured to the end of the century. At that time it is estimated that the population will be 3,362,000, which will require a daily water supply of 441 million gallons. The ultimate area of irrigated land will be 95,000 acres, requiring an additional supply of about 100 million gallons a day. All sources of local supply will have been exhausted long before this time is reached, making recourse to a Sierra supply imperative. Wisdom dictates that a supply for all future needs should be secured at an early date.

The Plan of Development.

1. A dam 300 feet high at the dam site at Hetch Hetchy by which the floor of the valley will be flooded to a depth of 270 feet.

2. A wagon road to Hetch Hetchy Valley equal in point of construction to the state highways and no grade to exceed eight per cent.

3. Scenic road in Hetch Hetchy Valley on both sides of the lake. This will make available the wonderful attractions of a region now inaccessible and in doing this work the city would be following lines of activity engaged in by other large cities of the world.

4. The Hetch Hetchy aqueduct from the valley to San Francisco. This would be largely in the form of a tunnel about ten feet in finished diameter mostly deeply below the surface of the ground along the approximate route, extending down stream from the proposed reservoir to the easterly edge of the San Joaquin Valley. Thence continuing westward across the valley the projected aqueduct will be composed first of one steel pipe 7 feet 6 inches in

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diameter, and ultimately of two steel pipes side by side about 45 miles in length. At the westerly side of the San Joaquin Valley the steel portion is to end about eight miles westerly from the San Joaquin River. From this point the aqueduct proceeds westerly, mostly in the form of tunnels about 12 or 13 feet in diameter, to a point near the village of Irvington, at which point a terminal chamber and gate house will be built and branch aqueducts lead off as desired to Oakland, San Jose, San Francisco and other communities. From this point the aqueduct would proceed in the form of a steel pipe, submerged in the portion across the Dumbarton narrows near the head of the bay (or it could be carried on dry ground around the head of the bay) to a suitable point in San Mateo county, where it could discharge by gravity flow at a considerable elevation through a new tunnel into Crystal Springs reservoir, with branch lines leading to neighboring communities and with the main aqueduct line leading directly to San Francisco.

5. The proposed aqueduct between Hetch Hetchy and the Irvington gate house would be designed to deliver by force of gravity without pumping a quantity somewhat in excess of 400 million gallons daily (equivalent to 620 cubic feet per second). All the tunnels will from the first be built to their full size and smoothly lined with concrete. (The advantage of making the tunnels full size is clearly set forth in the report.) During the early years with only a single pipe line across the San Joaquin Valley, the delivery of the aqueduct would be in excess of 200 million gallons daily—possibly 240 millions. The branch line to supply the San Francisco peninsula will have a capacity of about 100 millions.

The communities to be immediately supplied require for domestic and municipal purposes less than one-half of what a single pipe line will bring, but since the surplus will flow without the cost of pumping, it is proposed to bring all the water the pipe line will carry and make the surplus available for irrigation, principally for intensive farming and truck gardens very much as it is proposed to use the surplus capacity of the Los Angeles aqueduct; all of this use tending to the prosperity of those districts and tending to a cheapening of the food supply.

6. The portion of the tunnel about twelve miles in length next downstream from Hetch Hetchy dam would be delayed in construction for some years and meanwhile the City proposes to divert the water from the main Tuolumne River by a temporary dam at a point about one and one-half miles above Cherry Creek. This point will be called the "Early Intake." Close to this at some future time the City will build Power House No. 2.

7. The City desires to acquire rights of way for the aqueduct, etc.

8. The City proposes to construct a tunnel eight feet in diameter from Hetch Hetchy reservoir to the reservoir site in Cherry Valley, passing beneath the Lake Eleanor reservoir site with intake shafts at Cherry Creek and Lake Eleanor for the purpose of diverting their waters into the Hetch Hetchy reservoir.

9. Small and inexpensive dams will be constructed at Cherry Creek and Lake Eleanor.

10. Perhaps fifty years hence the City will replace these dams with high masonry dams for additional storage purposes.

11. In the distant future other dams in other localities may be desirable.

12. Wagon roads will be constructed to Lake Eleanor and Cherry Valley.

13. The City does not contemplate immediate development of hydroelectric power.

14. There is only one power-drop in the aqueduct line first to be constructed. The site for this is at Moccasin Creek, 141 miles from San Francisco along the aqueduct line. The capacity of the line at this point is 620 cubic feet per second. The elevation of the tail water at this place will be 890 feet. The water level at the intake will be 2,315 feet and the gross fall is 1,425 feet. This should produce 70,500 horsepower.

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15. When the upstream aqueduct is completed another power drop will become available and 75,000 horsepower can be developed.

16. From the Cherry-Eleanor conduit another power development can be had, which though small might be worth saving. It would approximate 12,500 horsepower.

17. The total possible power development would be 157,500 horsepower.

Sanitary Control.

The report deals minutely with the matter of sanitary control of the water sheds, with a conclusion that few additional restrictions to those now in force in the Yosemite Park will be found to be necessary. In fact the region can be used as a pleasure ground and will be made available by means of the City's roads and trails.

Irrigation Use.

The rights of the Modesto and Turlock irrigation districts will be fully observed, and there will always be an abundance of water for irrigation use. In seasons of extreme drought it may be possible for the City to relieve the necessities of the districts by liberating a portion of the stored waters.

Quality of Water.

A report of Allen Hazen furnishes the information as to the quality of the water of the Tuolumne, the measures to be taken to preserve its purity. It is exceptionally pure and much more desirable than that at present supplied or that could be obtained by the filtration of river water.

Objections of Nature Lovers.

The ostensible objectors to the use by the City of the Hetch Hetchy Valley as a water storage reservoir have been the so-called nature lovers. A large portion of Mr. Freeman's report is devoted to answering their objections. He cites numerous examples in this country and in Europe where the conversion of valleys into lakes has wonderfully added to scenic effects and afforded additional opportunities for pleasure and sightseeing. This would be the case in the region of the Hetch Hetchy should the City be accorded the opportunity for its development.

Local and Other Sources.

The report gives the results of an exhaustive examination into the local sources of water supply and other sources that might be used in lieu of the Tuolumne River.

In regard to local sources it says: "It appears certain that the future supply which must be brought into this district from a distance should be fully 400 million gallons daily, and if 500 million gallons daily is available in the Upper Tuolumne River the City should make certain of securing this quantity against future needs. Fortunately we find proof that this requirement can be met throughout the dryest years from the surplus run off of Hetch Hetchy, Eleanor and Cherry."

As to available sources other than the Tuolumne, the conclusion is that the latter is the best for the City.

Other Data.

In addition to the report of Mr. Freeman supplemental reports have been furnished to the Board of Engineers as follows:

An investigation of the sources now under the control of the People's Water Company, by J. H. Dockweiler.

The estimation of the quantity available from sources on the western shore of the peninsula by C. E. Grunsky, and a similar report on the supply south of the county line by Professor C. D. Marks.

The yield of Alameda Creek and Livermore Valley by Cyril Williams Jr.

A report on geological conditions by Professor Branner.

Elaborate appendices and estimates of costs conclude the report.

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Financial Condition

RESOLUTION NO. 9730. (NEW SERIES.)

RESOLVED, That the following statement showing the financial condition of the City and County of San Francisco be and is hereby approved, and the Clerk is hereby directed to transmit a copy thereof to the State Controller:

FINANCIAL STATEMENT OF THE CITY AND COUNTY OF SAN FRANCISCO, ON THE 1st DAY OF OCTOBER, 1912.

Bonded debt at 3½ per cent interest	$ 3,050,300.00
Bonded debt at 5 per cent interest	20,246,000.00
Bonded debt at 4½ per cent interest	3,781,000.00
Total Bonded Debt	$ 27,077,300.00
Less Sinking Funds	18,035.88
	$ 27,059,264.12

VALUE OF PROPERTY.

Parks, Sewers and Improvements	$ 15,226,400.00
Fire Department—Lots, improvements, apparatus and furniture	5,612.700.00
Police Department—Lots, improvements, apparatus and furniture	392,000.00
Department of Electricity—Underground wires and apparatus	270,000.00
City Hall lot, Hall of Justice lot, Almshouse, Hospital and furniture, and Library lots	6,631,500.00
Cemetery reservations	590,000.00
Sundry lots	286,000.00
Channel street lots, Ninth to Eighteenth streets	120,000.00
School lots, improvements and furniture	10,835,180.00
Garbage system lands	445,850.00
Hetch Hetchy lands	1,240,440.00
County Line Water Company—Lands and properties	80,000.00
Geary Street Railway—Lands and improvements	757,968.00
Civic Center lands	1,437,189.00
Total value of property	$ 43,875,227.00

CASH ON HAND IN CITY AND COUNTY TREASURY.

Interest on Funds	$ 174,993.09
Sinking Funds	18,035.88
Miscellaneous Funds	5,046,191.92
Total City and County Funds	$ 5,239,220.89
Total State Funds	36,126.88
	$ 5,275,347.77

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CITY AND COUNTY—

Assessed Value of Real Estate	$301,196,140.00
Assessed Value of Improvements	146,581,097.00
Assessed Value of Personal Property	49,576,705.00
	$497,353,942.00
Money and Solvent Credits	13,075,374.00
Total Assessment Roll for Municipal Purposes	$510,429,316.00
Taxes levied for City and County, per $100	$ 2.05
Taxes levied for State, per $100	.044
	$ 2.094

REVENUE ON ASSESSMENT ROLL.

City and County, $510,429,316, at $2.05	$ 10,463,800.98
State, $510,429,316, at .044	224,588.89
	$ 10,688,389.87
Receipts from other sources than taxation estimated at	$ 2,517,000.00

STATE ROLL.

Assessed Value of Real Estate	$ 22,518,920.00
Assessed Value of Improvements	23,246,100.00
Assessed Value of Personal Property	48,616,128.00
	$ 94,381,148.00
Less Assessed to Banks	38,454,905.00
	$ 55,926,243.00

At .22 per $100, State proportion of Bond Interest and Redemption ..... $ 123,037.73

Adopted—Board of Supervisors, San Francisco, Oct. 7, 1912.

Ayes: Supervisors Bancroft, Caglieri, G. E. Gallagher, Giannini, Hayden, Hilmer, Hocks, Jennings, Koshland, Mauzy, McLaren, Murdock, Murphy, Nolan, Payot, Vogelsang.

Absent: Supervisors A. J. Gallagher, McCarthy.

J. S. DUNNIGAN, Clerk.,,

Approved, San Francisco, Oct. 8, 1912.

JAMES ROLPH, JR., Mayor.

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Report of Stationery Department

OF THE

BOARD OF SUPERVISORS

FOR THE FISCAL YEAR 1911-1912.

San Francisco, August 6, 1912.

To the Honorable,

The Board of Supervisors of the City and County of San Francisco.

Gentlemen:—I respectfully submit the following report of the amount expended for stationery, printing, books, postage stamps, directories, rebinding books, and other supplies delivered to the various departments of the city government from the Stationery Department of the Board of Supervisors during the fiscal year 1911-1912. Also a statement showing the conditions of the various funds of this department on July 1, 1912.

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DEPARTMENT	Stationery, Printing and Books	Postage Stamps and Postals	City Directories	Lettering and Re-Binding Books	Purchase and Repairs to Typewriting Machines	Total
Relief Home for Aged and Infirm	$ 261.34	$ 94.00	$ 6.00	.....	.....	$ 361.34
Auditor	2,168.48	254.00	6.00	.....	$ 68.15	2,496.63
Department of Public Works	5,761.48	708.32	54.00	.....	185.62	6,709.42
Department of Public Health	2,392.96	790.00	18.00	.....	127.50	3,328.46
Board of Supervisors	2,357.25	362.08	6.00	.....	.....	2,725.33
County Clerk	5,184.38	232.00	18.00	$ 33.40	282.35	5,750.13
Coroner	251.09	35.00	6.00	.....	12.90	304.99
Civil Service Commission	1,420.90	110.00	6.00	.....	.....	1,536.90
City Attorney	266.42	108.00	6.00	.....	.....	380.42
City and County Hospital	818.57	50.00	6.00	.....	.....	874.57
Department of Electricity	644.89	4.00	6.00	.....	.....	654.89
District Attorney	433.80	160.00	12.00	.....	.....	605.80
Emergency Hospitals	347.40	25.00	30.00	.....	.....	402.40
Fire Department	1,209.98	60.00	12.00	.....	86.05	1,368.03
Fire Marshal	17.39	.....	6.00	.....	.....	23.39
Justices' Court	1,032.56	156.00	36.00	.....	81.00	1,305.56
Law Library	104.02	10.00	6.00	.....	.....	120.02
Police Department	3,287.55	360.00	180.00	.....	72.90	3,900.45
Police Courts (Four Departments)	105.71	29.00	24.00	.....	.....	158.71
Recorder	1,907.90	110.00	12.00	428.76	.....	2,458.66
Sheriff	1,089.23	230.00	24.00	.....	.....	1,343.23
Superior Courts (Twelve Departments)	450.68	274.25	72.00	.....	.....	796.93
Treasurer	664.26	60.00	6.00	.....	.....	730.26
Tax Collector	2,049.14	225.00	12.00	.....	.....	2,286.14
Mayor	411.14	272.50	12.00	.....	.....	695.64
Juvenile Court (Probation Officer)	382.39	91.50	6.00	.....	.....	479.89
Secretary Superior Court	265.35	49.50	6.00	.....	.....	320.85
Grand Jury	15.04	.....	.....	.....	.....	15.04
Isolation Hospital	68.95	25.00	.....	.....	.....	93.95
Playground Commission	17.88	28.60	6.00	.....	.....	52.48
Board of Censorship	31.90	.....	.....	.....	.....	31.90
Detention Home	53.11	18.50	.....	.....	.....	71.61
Extra Sessions Court (Four Departments)	49.39	52.75	.....	.....	.....	102.14
Sealer of Weights and Measures	230.77	15.00	.....	.....	81.00	326.77
	$35,753.30	$5,000.00	$600.00	$462.16	$997.47	$42,812.93
Assessor (Special Appropriation)	3,445.11	500.00	36.00	.....	.....	3,981.11
Total Amount Delivered	$39,198.41	$5,500.00	$636.00	$462.16	$997.47	$46,794.04

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SPECIAL APPROPRIATIONS

	Amount of Appropriation	Amount Expended	Balance
Stationery, Printing and Books, including Postage Stamps and Postals	$42,000 00	$40,737 84	$1262 16
Assessor: Stationery, Printing, Books, Postage Stamps and Directories	4,000 00	3,981 11	18 89
City Directories	600 00	600 00	
Lettering and Rebinding Books	500 00	462 16	37 84
Purchase and Repairs to Typewriting Machines	1,000 00	997 47	2 53
	$48,100 00	$46,778 58	$1321 42

SUMMARY

Total value of goods received during the year	$46,778.58
Amount of stock on hand July 1, 1911	123.48
Total to be accounted for	$46,902.06
Total value of goods delivered from July 1, 1911, to June 30, 1912	46,794.04
Value of stock on hand July 1, 1912	$ 108.02
Balance due to ccredit of various funds July 1, 1912, Special Appropriations	$ 1,321.42
Value of stock on hand	108.02
Total	$ 1,429.44

Respectfully,

J. S. DUNNIGAN, Clerk.
By JOHN F. FINN,
Assistant Clerk.

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